

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010622\
 Data File : VU046691.D
 Acq On : 06 Jan 2022 17:30
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 07 03:17:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 07 03:14:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	80556	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	84496	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	50338	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	26737	4.214	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.200%
7) Chloroethane-d5	1.919	69	22231	4.449	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.575	65	11743	4.389	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.800%
20) 2-Butanone-d5	4.655	46	100055	54.363	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.720%
24) Chloroform-d	5.067	84	56111	4.826	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.706	65	32859	4.944	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.732	84	106486	4.521	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.694	67	33160	4.685	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.899	98	98619	4.613	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	8.182	79	15103	4.614	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.639	63	93539	48.670	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.340%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	36692	5.051	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	40093	4.324	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	52612	4.268	ug/L	100
3) Chloromethane	1.523	50	38169	3.595	ug/L	100
5) Vinyl chloride	1.607	62	40675	3.892	ug/L	99
6) Bromomethane	1.864	94	24466	3.889	ug/L	98
8) Chloroethane	1.941	64	25139	4.097	ug/L	99
9) Trichlorofluoromethane	2.144	101	63510	4.646	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	36227	5.206	ug/L	96
12) 1,1-Dichloroethene	2.588	96	31038	4.380	ug/L #	73
13) Acetone	2.687	43	89041	51.600	ug/L	78
14) Carbon disulfide	2.800	76	72397	3.128	ug/L	100
15) Methyl Acetate	2.967	43	14973	4.296	ug/L #	79
16) Methylene chloride	3.051	84	42723	4.955	ug/L	91
17) Methyl tert-butyl Ether	3.369	73	104390	5.050	ug/L	97
18) trans-1,2-Dichloroethene	3.359	96	34041	4.503	ug/L	94
19) 1,1-Dichloroethane	3.874	63	67070	4.816	ug/L	99
21) 2-Butanone	4.735	43	140048	53.494	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	39869	4.825	ug/L	96
23) Bromochloromethane	4.980	128	19654	4.779	ug/L	90
25) Chloroform	5.092	83	74832	4.974	ug/L	97

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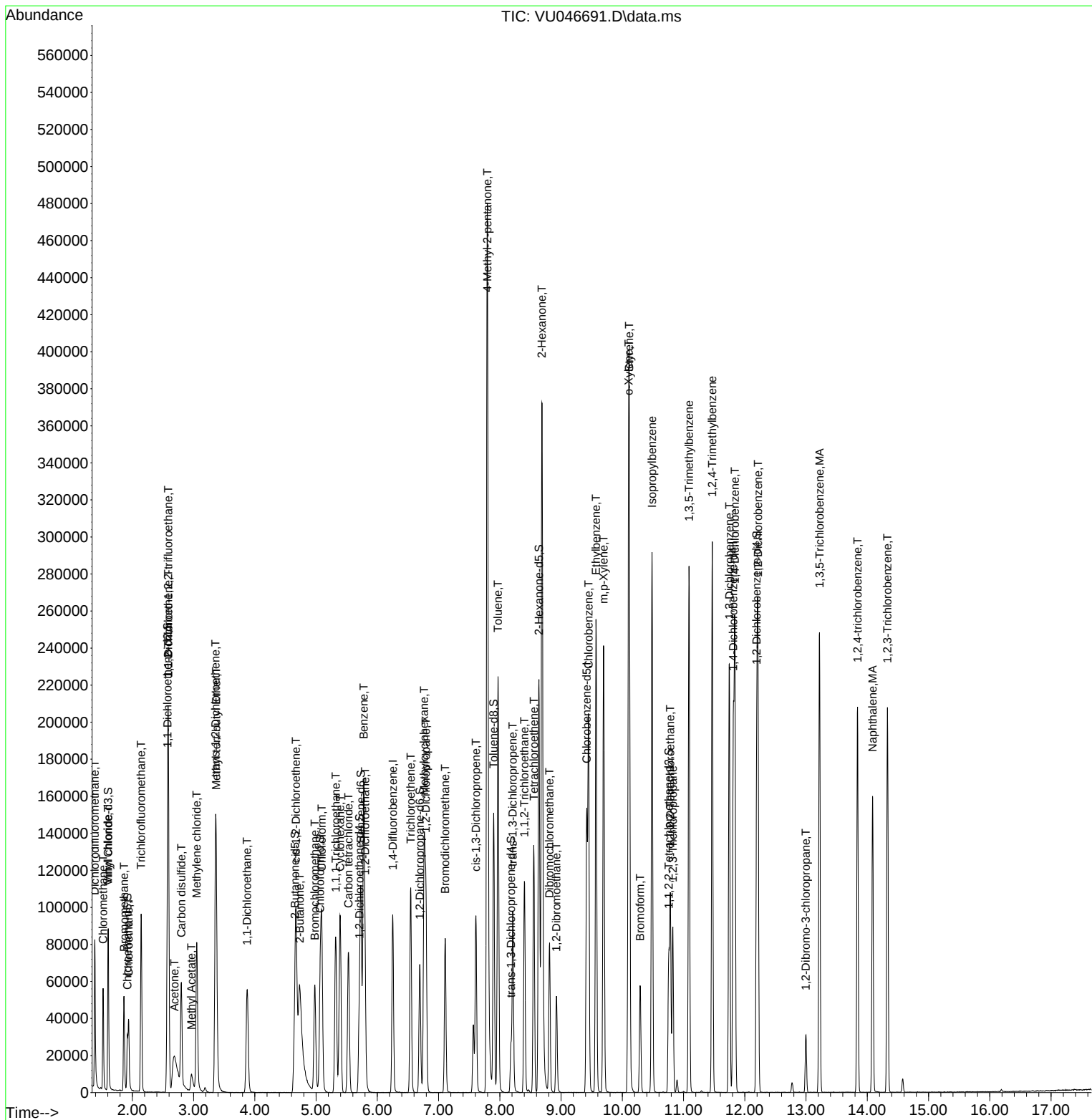
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 ClientSampleId :

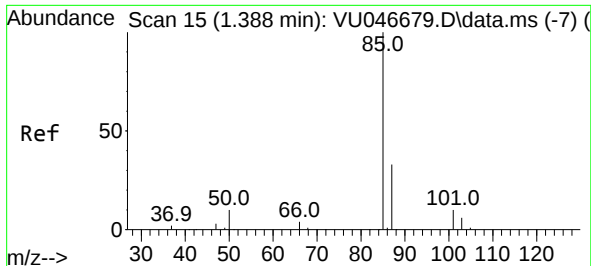
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	51592	4.804	ug/L	96
29) 1,1,1-Trichloroethane	5.321	97	64534	4.619	ug/L	96
30) Cyclohexane	5.395	56	47261	4.089	ug/L	97
31) Carbon tetrachloride	5.530	117	53297	4.546	ug/L	98
33) Benzene	5.777	78	149001	4.438	ug/L	100
34) Trichloroethene	6.546	95	38382	4.337	ug/L	96
35) Methylcyclohexane	6.764	83	53503	4.288	ug/L	96
37) 1,2-Dichloropropane	6.793	63	40117	4.685	ug/L	98
38) Bromodichloromethane	7.108	83	55702	4.699	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	59037	4.554	ug/L	96
40) 4-Methyl-2-pentanone	7.796	43	325881	50.694	ug/L	95
42) Toluene	7.970	91	165564	4.805	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	56131	4.672	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	36587	4.954	ug/L	94
47) Tetrachloroethene	8.555	164	29814	4.761	ug/L	96
48) 2-Hexanone	8.687	43	243020	50.621	ug/L #	95
49) Dibromochloromethane	8.812	129	41243	4.842	ug/L	98
50) 1,2-Dibromoethane	8.925	107	33777	4.738	ug/L #	97
51) Chlorobenzene	9.449	112	109467	4.970	ug/L	98
52) Ethylbenzene	9.571	91	179529	5.033	ug/L	99
53) m,p-Xylene	9.697	106	70598	5.167	ug/L	94
54) o-Xylene	10.102	106	69887	5.323	ug/L	99
55) Styrene	10.115	104	126383	5.549	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	50762	5.260	ug/L	94
59) Bromoform	10.291	173	26152	4.497	ug/L	96
60) Isopropylbenzene	10.484	105	188849	4.865	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	37612	4.499	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	153460	4.753	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	160810	4.946	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	95044	5.037	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	96478	4.994	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	93938	4.963	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	8452	4.368	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	74615	5.224	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	62632	5.177	ug/L	99
71) Naphthalene	14.086	128	127526	4.747	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	62633	5.230	ug/L	98

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

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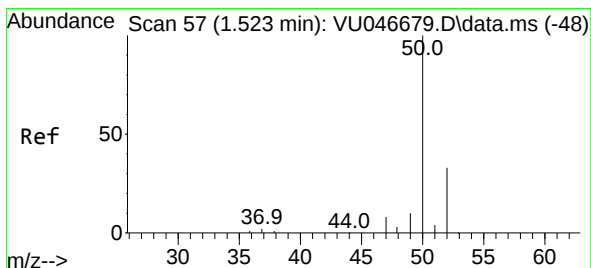
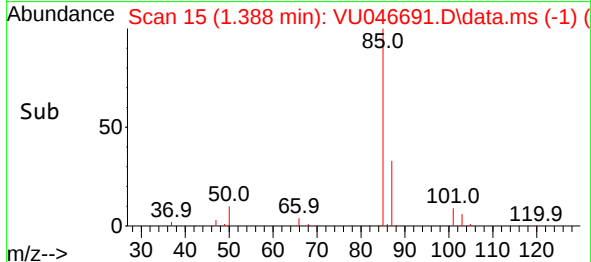
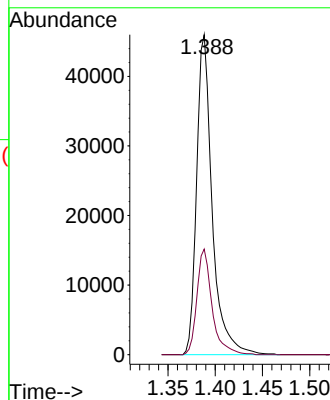
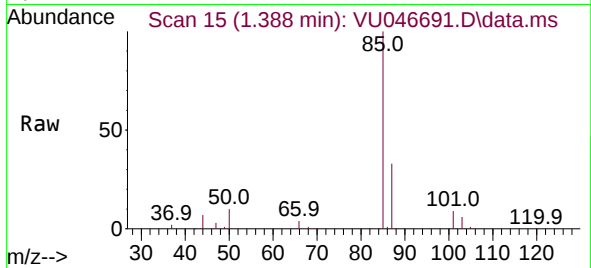




#2
Dichlorodifluoromethane
Concen: 4.268 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU046691.D
Acq: 06 Jan 2022 17:30

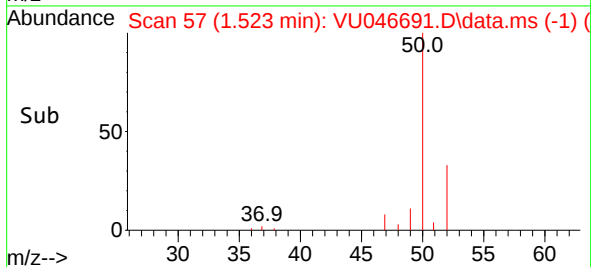
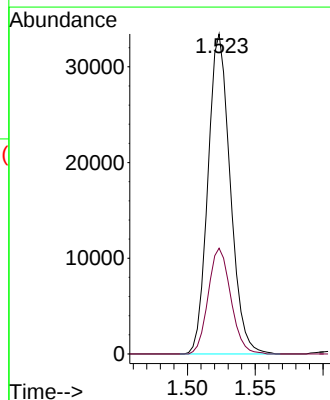
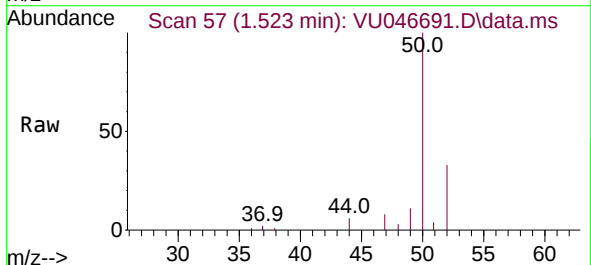
Instrument :
MSVOA_U
ClientSampleId :

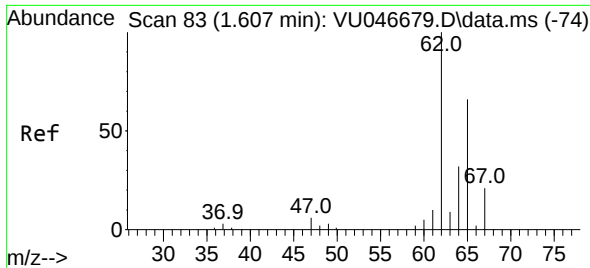
Tgt Ion: 85 Resp: 52612
Ion Ratio Lower Upper
85 100
87 32.2 25.8 38.6



#3
Chloromethane
Concen: 3.595 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU046691.D
Acq: 06 Jan 2022 17:30

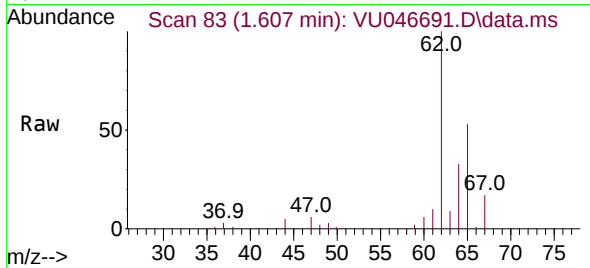
Tgt Ion: 50 Resp: 38169
Ion Ratio Lower Upper
50 100
52 33.1 23.0 42.8



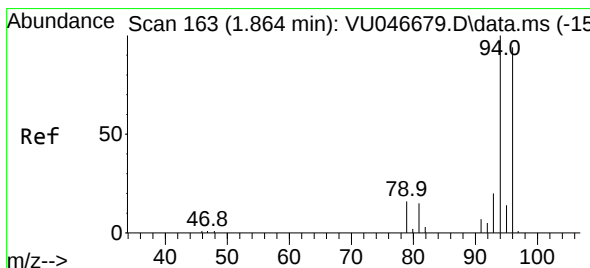
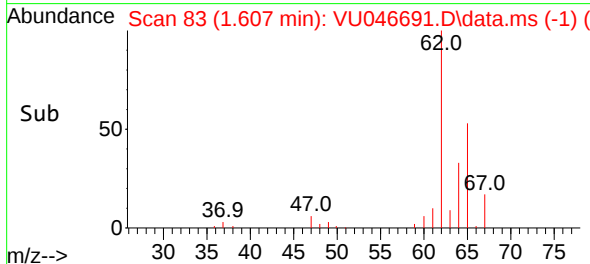
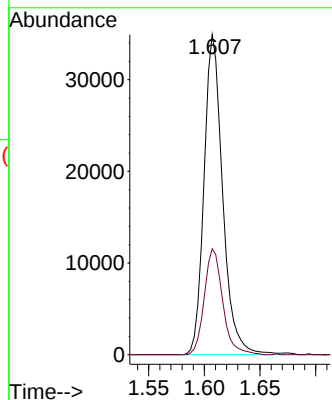


#5
 Vinyl chloride
 Concen: 3.892 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU046691.D
 Acq: 06 Jan 2022 17:30

Instrument :
 MSVOA_U
 ClientSampleId :

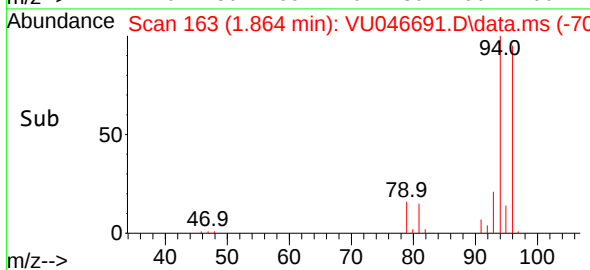
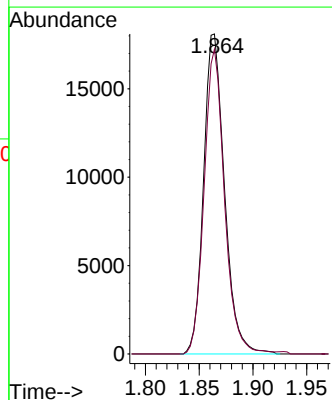
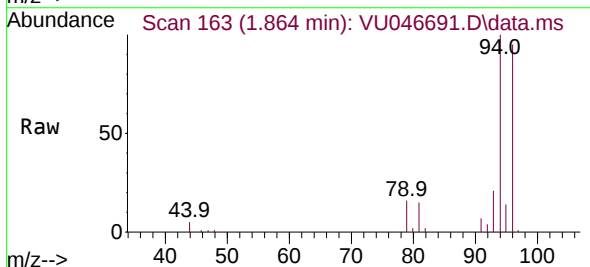


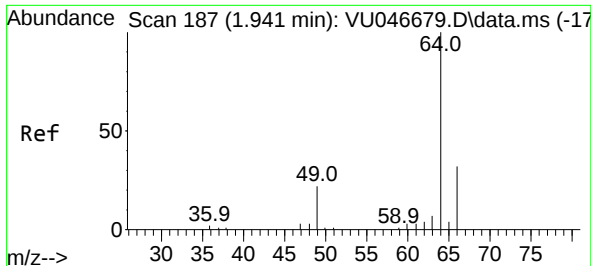
Tgt Ion: 62 Resp: 40675
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.9 42.5



#6
 Bromomethane
 Concen: 3.889 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU046691.D
 Acq: 06 Jan 2022 17:30

Tgt Ion: 94 Resp: 24466
 Ion Ratio Lower Upper
 94 100
 96 95.2 65.5 121.6

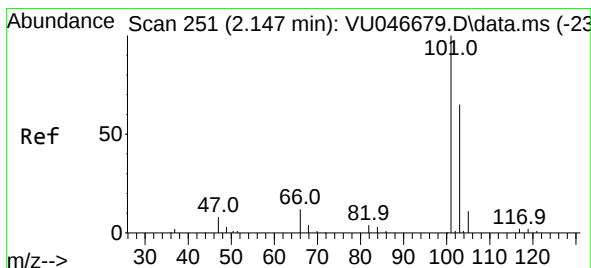
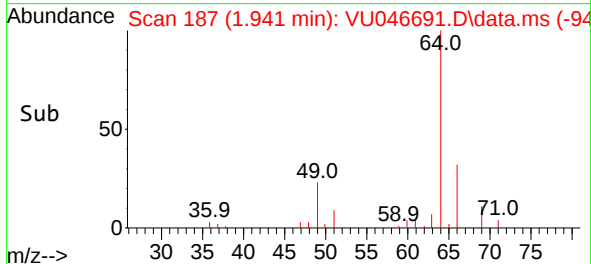
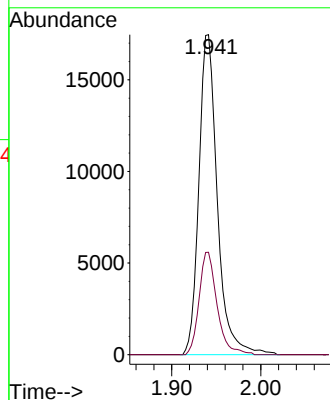
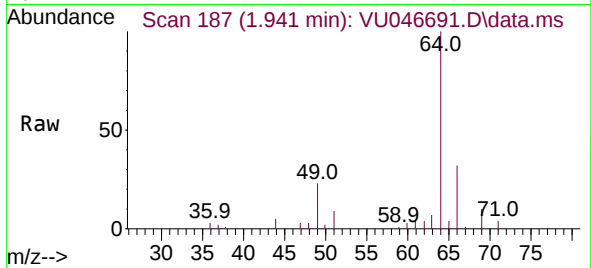




#8
Chloroethane
Concen: 4.097 ug/L
RT: 1.941 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU046691.D
Acq: 06 Jan 2022 17:30

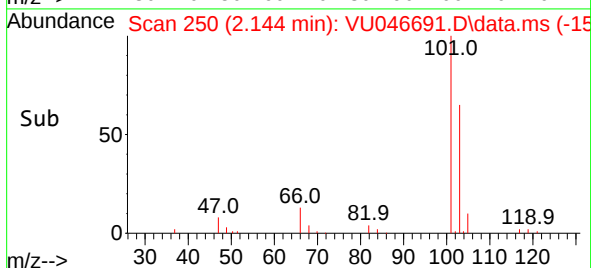
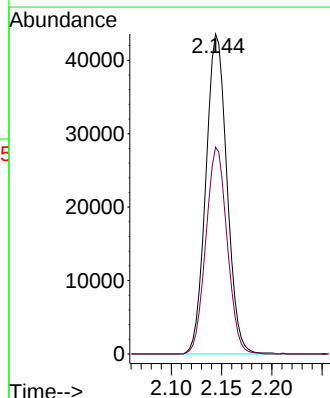
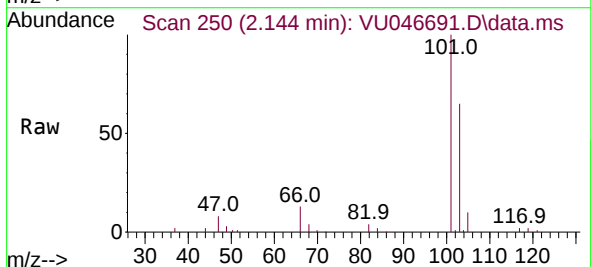
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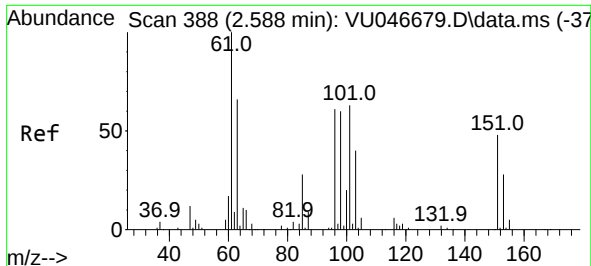
Tgt Ion: 64 Resp: 25139
Ion Ratio Lower Upper
64 100
66 32.0 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.646 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.003 min
Lab File: VU046691.D
Acq: 06 Jan 2022 17:30

Tgt Ion:101 Resp: 63510
Ion Ratio Lower Upper
101 100
103 65.2 51.5 77.3

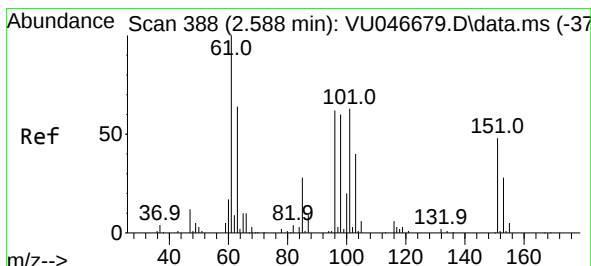
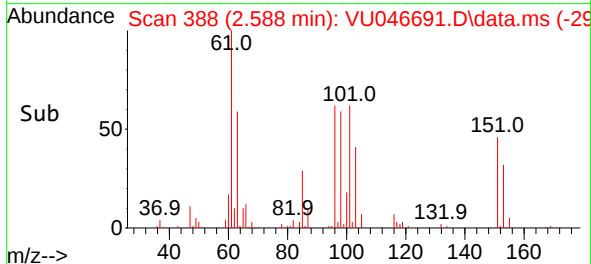
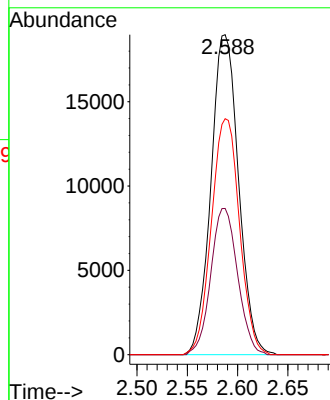
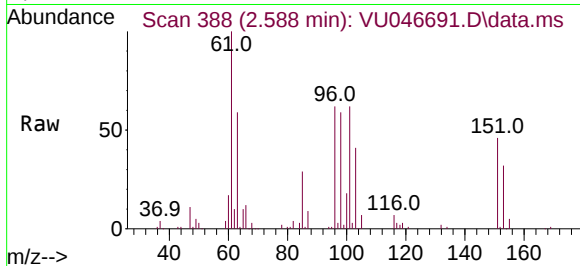




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.206 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU046691.D
 Acq: 06 Jan 2022 17:30

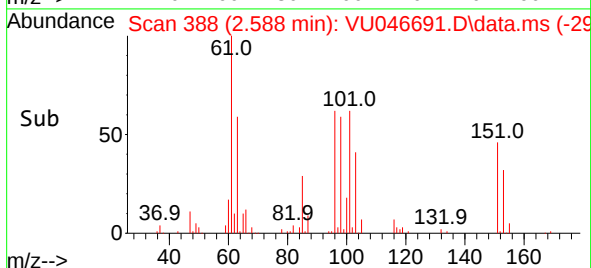
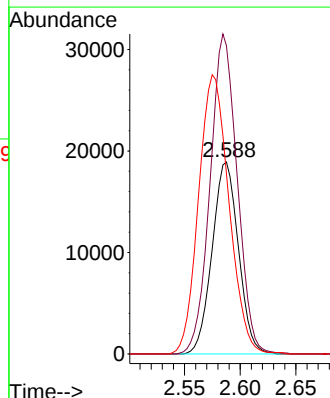
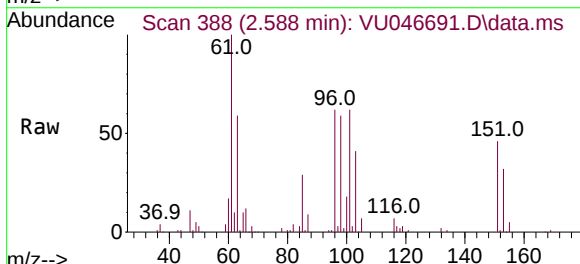
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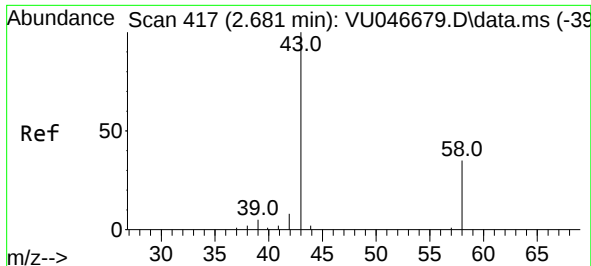
Tgt Ion:101 Resp: 36227
 Ion Ratio Lower Upper
 101 100
 85 44.4 34.6 51.8
 151 75.0 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 4.380 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU046691.D
 Acq: 06 Jan 2022 17:30

Tgt Ion: 96 Resp: 31038
 Ion Ratio Lower Upper
 96 100
 61 160.6 124.7 231.5
 63 94.0 105.2 195.4#





#13

Acetone

Concen: 51.600 ug/L

RT: 2.687 min Scan# 417

Delta R.T. 0.006 min

Lab File: VU046691.D

Acq: 06 Jan 2022 17:30

Instrument :

MSVOA_U

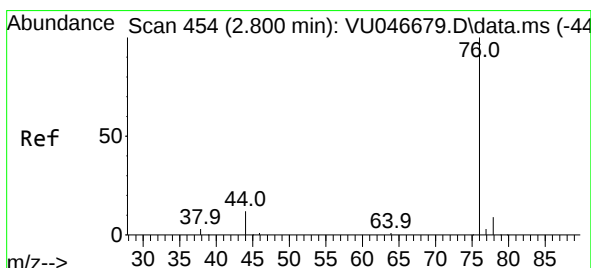
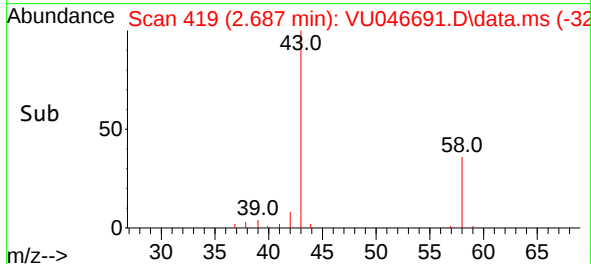
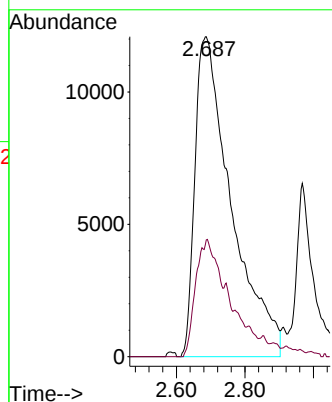
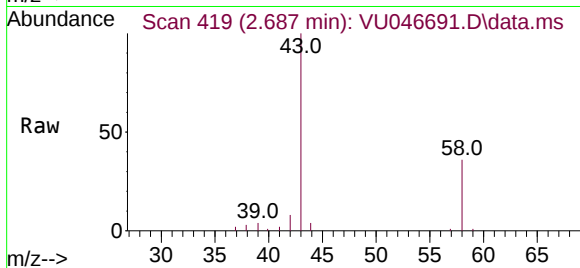
ClientSampleId :

Tgt Ion: 43 Resp: 89041

Ion Ratio Lower Upper

43 100

58 22.7 0.0 71.6



#14

Carbon disulfide

Concen: 3.128 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU046691.D

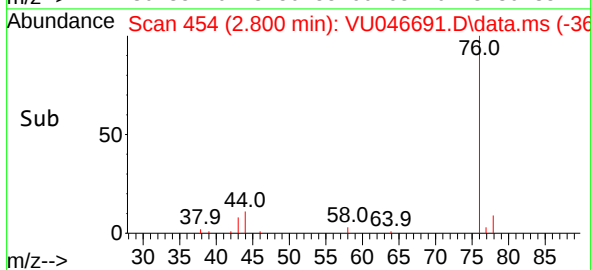
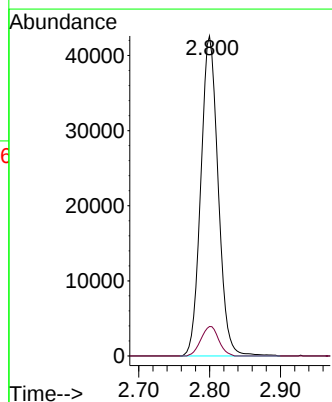
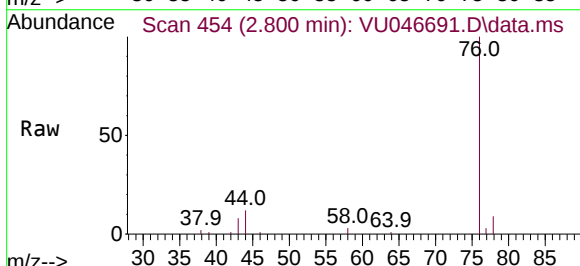
Acq: 06 Jan 2022 17:30

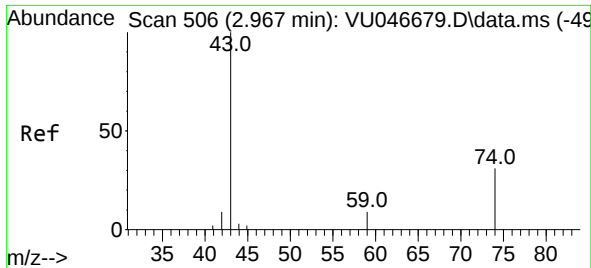
Tgt Ion: 76 Resp: 72397

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

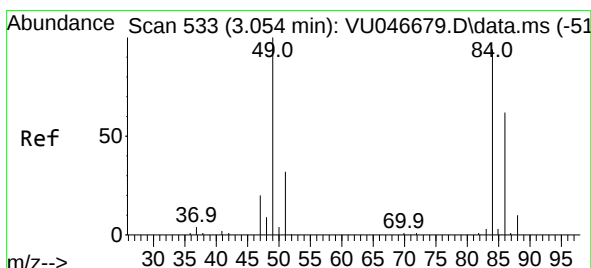
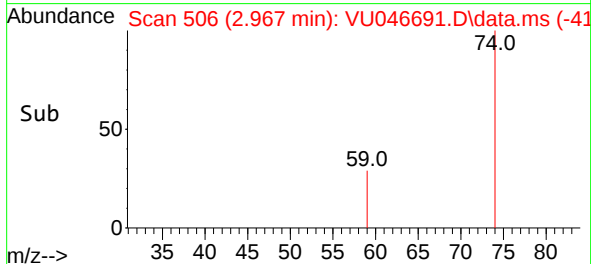
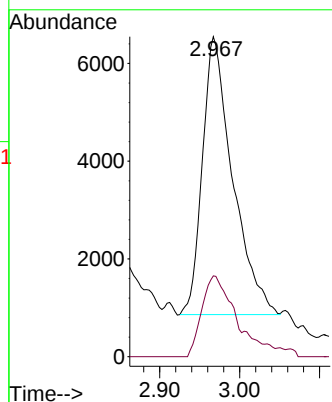
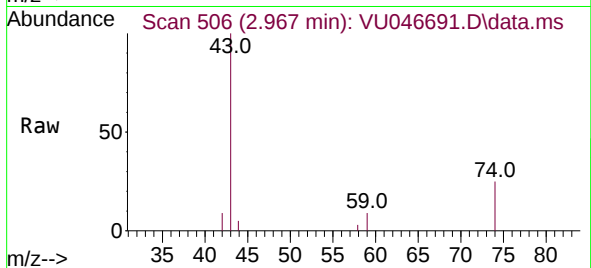




#15
Methyl Acetate
Concen: 4.296 ug/L
RT: 2.967 min Scan# 506
Delta R.T. -0.000 min
Lab File: VU046691.D
Acq: 06 Jan 2022 17:30

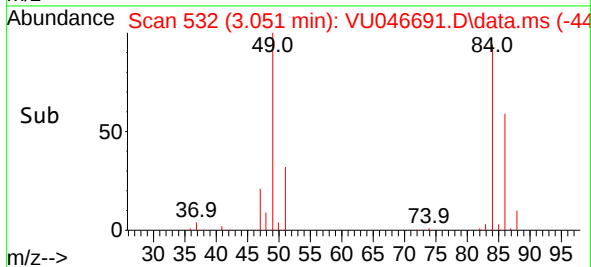
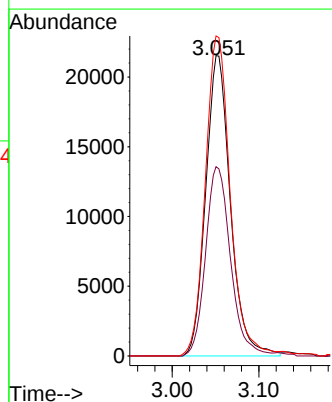
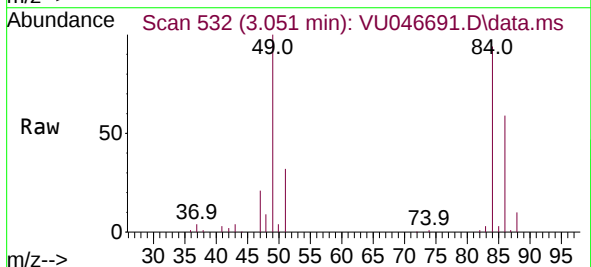
Instrument :
MSVOA_U
ClientSampleId :

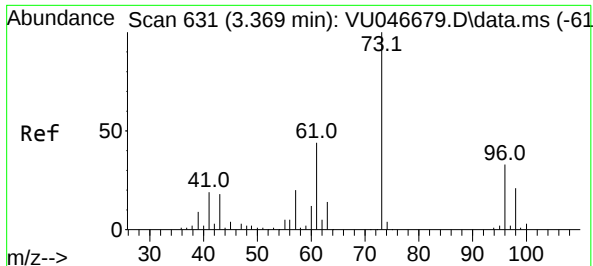
Tgt Ion: 43 Resp: 14973
Ion Ratio Lower Upper
43 100
74 34.1 19.1 28.7#



#16
Methylene chloride
Concen: 4.955 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU046691.D
Acq: 06 Jan 2022 17:30

Tgt Ion: 84 Resp: 42723
Ion Ratio Lower Upper
84 100
86 63.0 45.8 85.0
49 106.6 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 5.050 ug/L

RT: 3.369 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU046691.D

Acq: 06 Jan 2022 17:30

Instrument :

MSVOA_U

ClientSampleId :

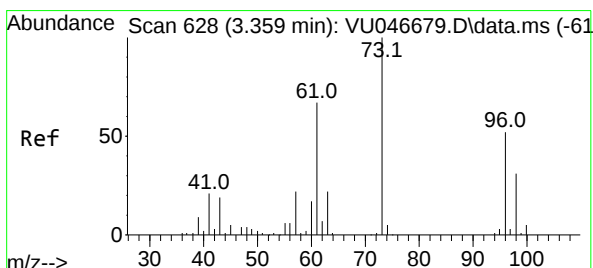
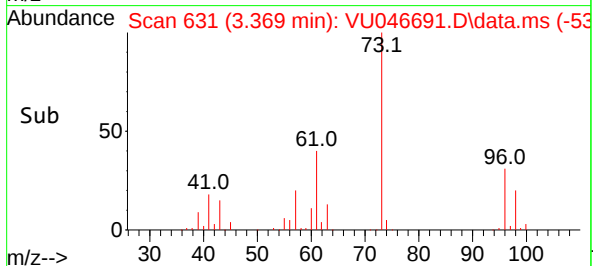
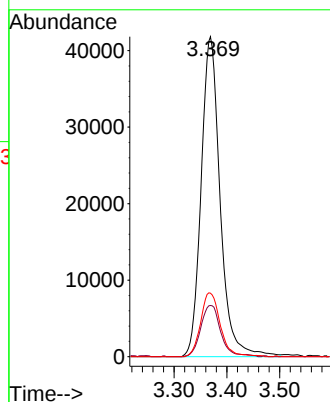
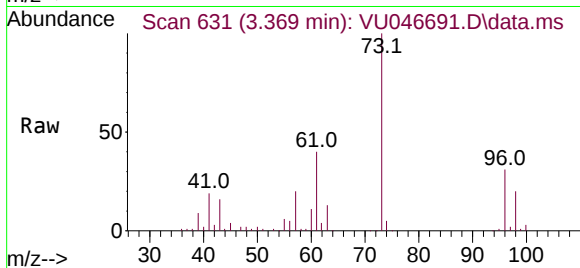
Tgt Ion: 73 Resp: 104390

Ion Ratio Lower Upper

73 100

43 16.6 14.8 22.2

57 20.6 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 4.503 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.000 min

Lab File: VU046691.D

Acq: 06 Jan 2022 17:30

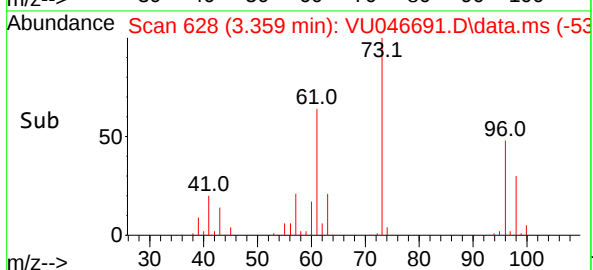
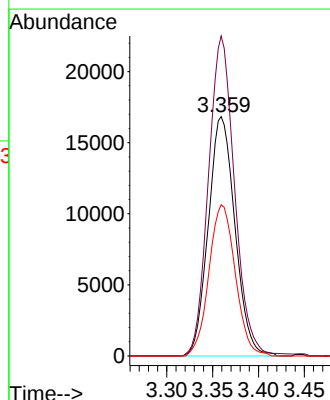
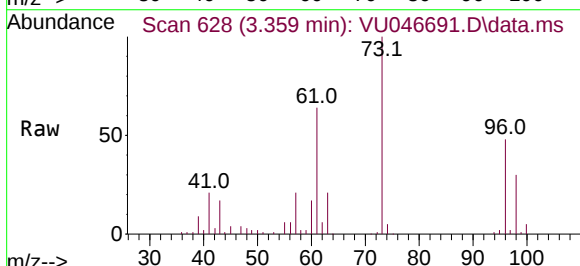
Tgt Ion: 96 Resp: 34041

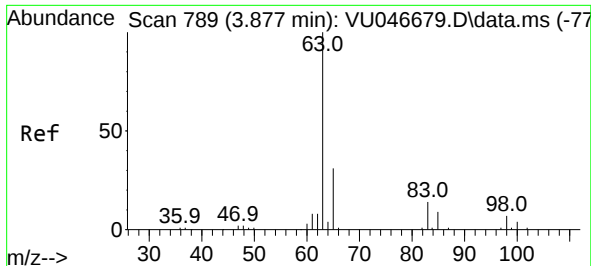
Ion Ratio Lower Upper

96 100

61 133.7 100.8 187.2

98 63.2 45.1 83.7





#19

1,1-Dichloroethane

Concen: 4.816 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.003 min

Lab File: VU046691.D

Acq: 06 Jan 2022 17:30

Instrument :

MSVOA_U

ClientSampleId :

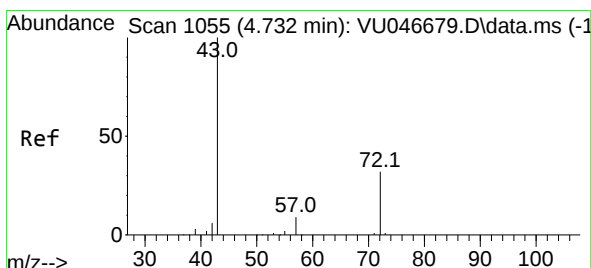
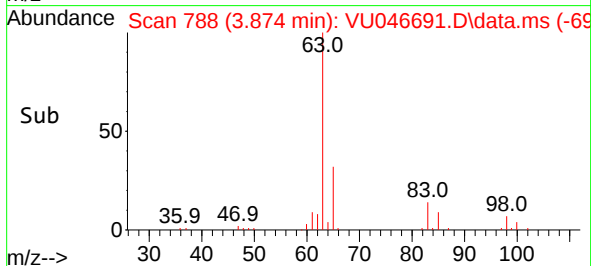
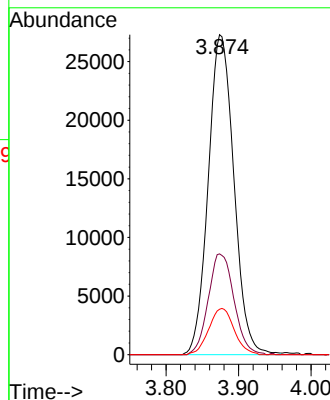
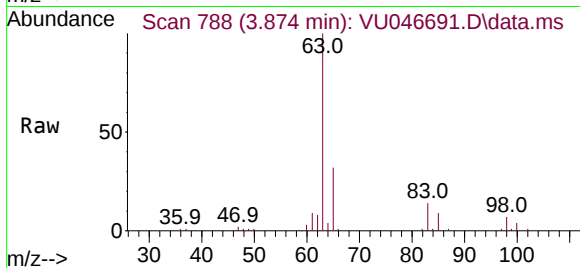
Tgt Ion: 63 Resp: 67070

Ion Ratio Lower Upper

63 100

65 31.5 22.3 41.5

83 14.2 9.6 17.8



#21

2-Butanone

Concen: 53.494 ug/L

RT: 4.735 min Scan# 1056

Delta R.T. 0.003 min

Lab File: VU046691.D

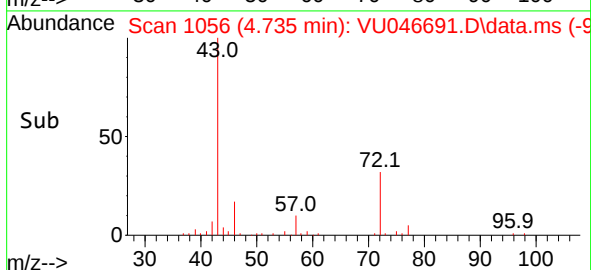
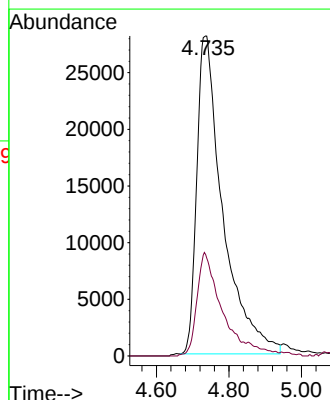
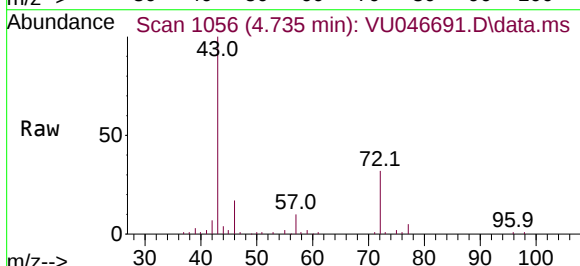
Acq: 06 Jan 2022 17:30

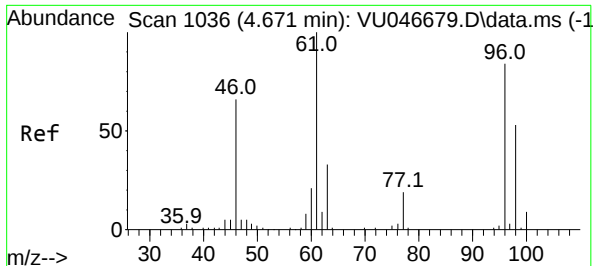
Tgt Ion: 43 Resp: 140048

Ion Ratio Lower Upper

43 100

72 29.2 14.1 42.3





#22

cis-1,2-Dichloroethene

Concen: 4.825 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU046691.D

Acq: 06 Jan 2022 17:30

Instrument :

MSVOA_U

ClientSampleId :

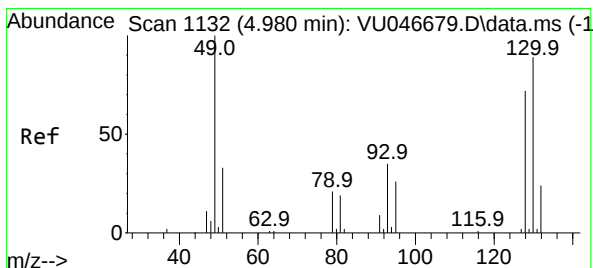
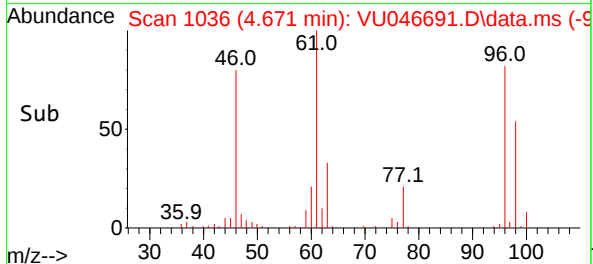
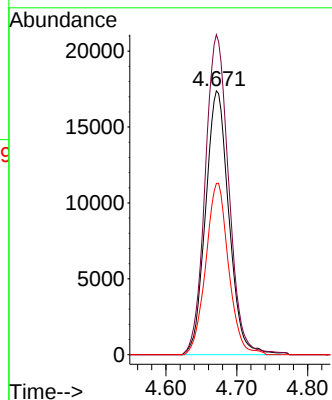
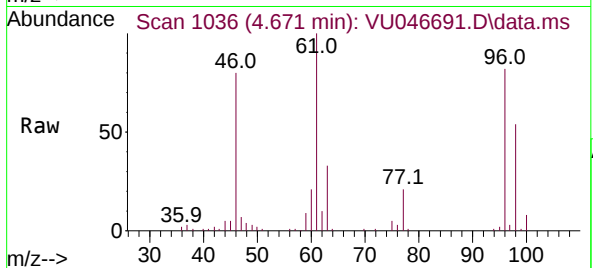
Tgt Ion: 96 Resp: 39869

Ion Ratio Lower Upper

96 100

61 121.3 88.5 164.3

98 64.9 44.4 82.5



#23

Bromochloromethane

Concen: 4.779 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VU046691.D

Acq: 06 Jan 2022 17:30

Tgt Ion:128 Resp: 19654

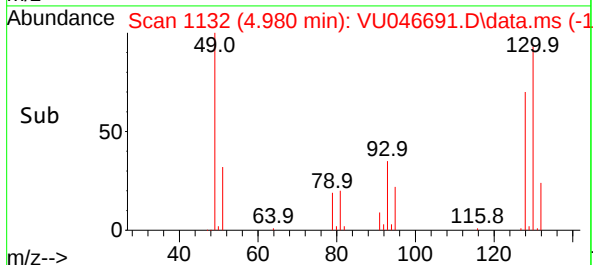
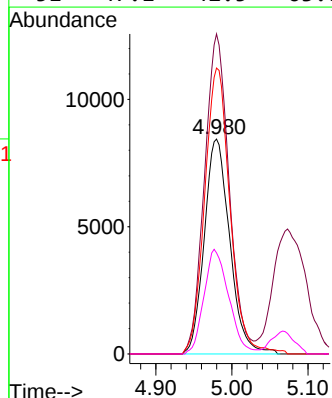
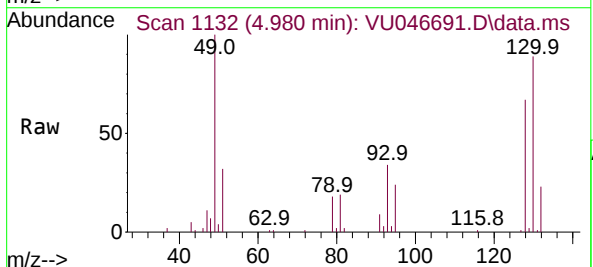
Ion Ratio Lower Upper

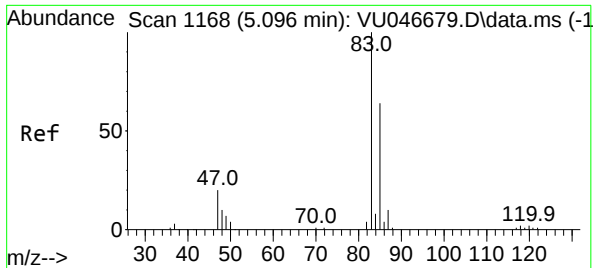
128 100

49 148.9 117.0 217.2

130 133.0 88.2 163.8

51 47.1 42.5 63.7





#25

Chloroform

Concen: 4.974 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.003 min

Lab File: VU046691.D

Acq: 06 Jan 2022 17:30

Instrument :

MSVOA_U

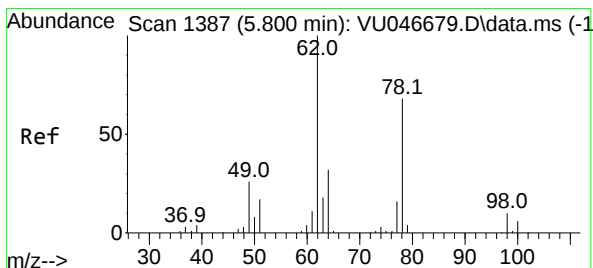
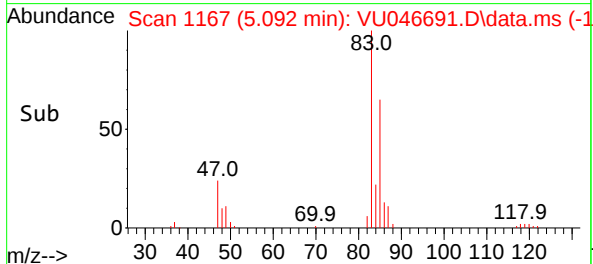
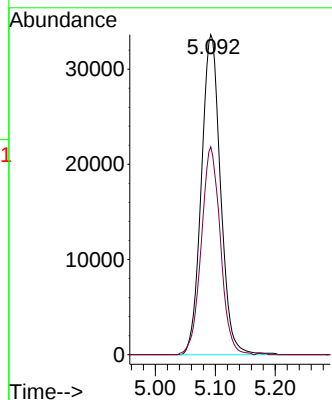
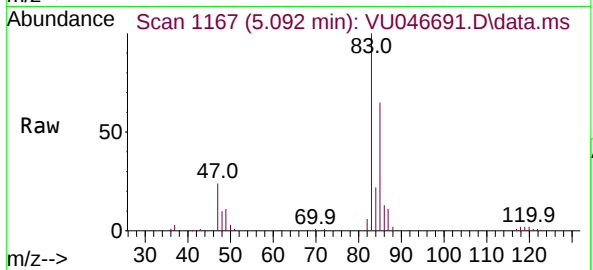
ClientSampleId :

Tgt Ion: 83 Resp: 74832

Ion Ratio Lower Upper

83 100

85 64.9 46.9 87.1



#27

1,2-Dichloroethane

Concen: 4.804 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VU046691.D

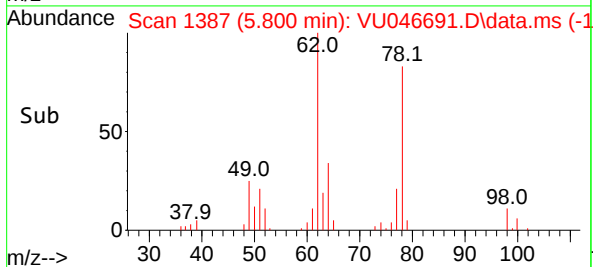
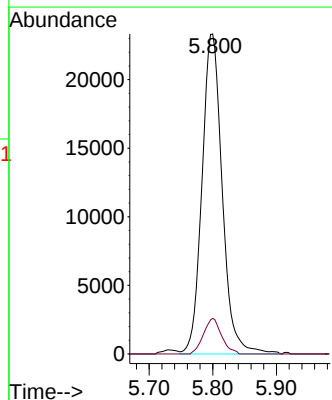
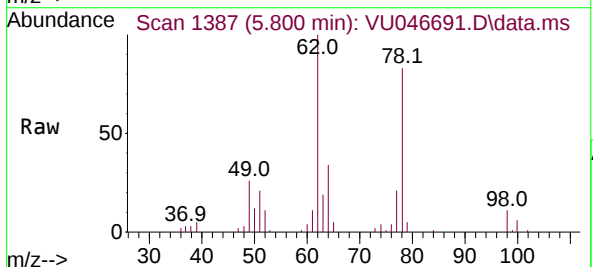
Acq: 06 Jan 2022 17:30

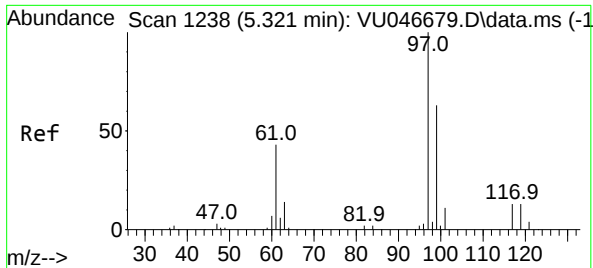
Tgt Ion: 62 Resp: 51592

Ion Ratio Lower Upper

62 100

98 11.1 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.619 ug/L

RT: 5.321 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU046691.D

Acq: 06 Jan 2022 17:30

Instrument :

MSVOA_U

ClientSampleId :

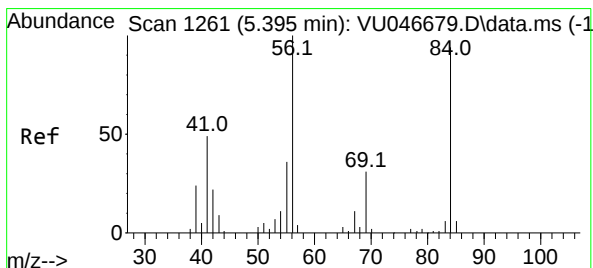
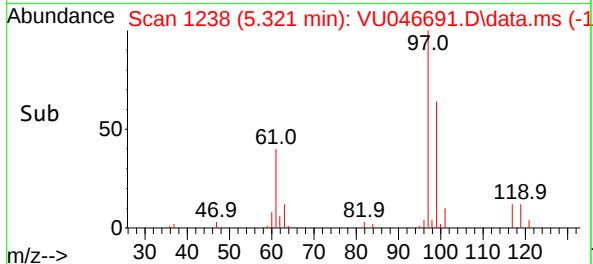
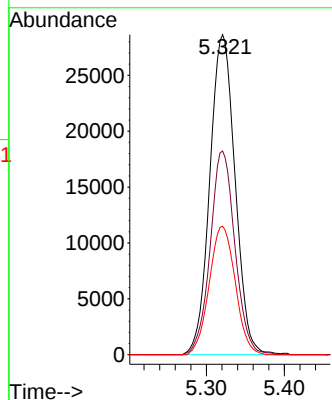
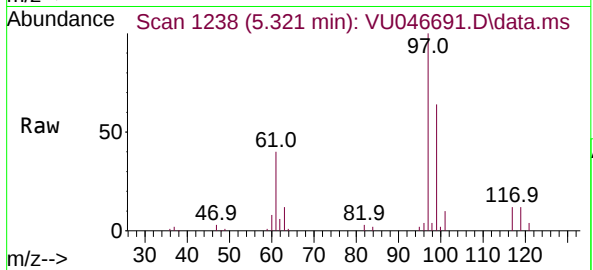
Tgt Ion: 97 Resp: 64534

Ion Ratio Lower Upper

97 100

99 62.4 51.3 76.9

61 41.3 36.1 54.1



#30

Cyclohexane

Concen: 4.089 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU046691.D

Acq: 06 Jan 2022 17:30

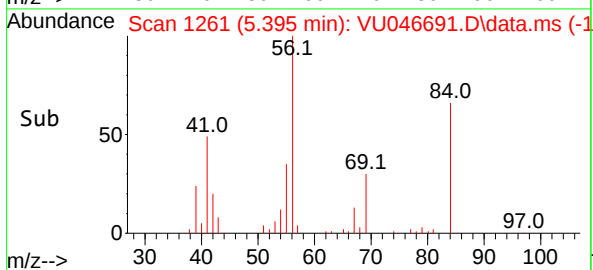
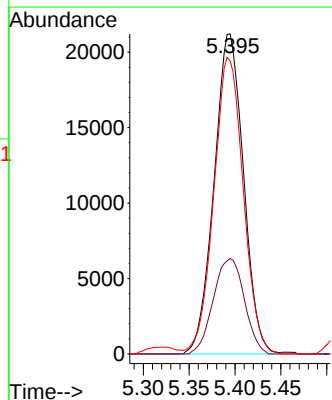
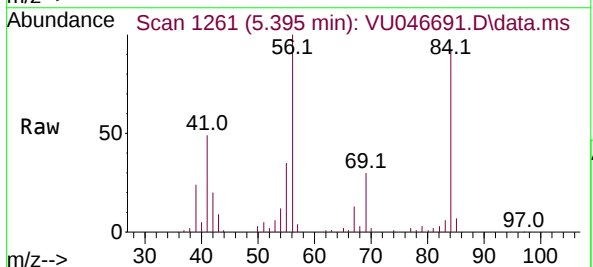
Tgt Ion: 56 Resp: 47261

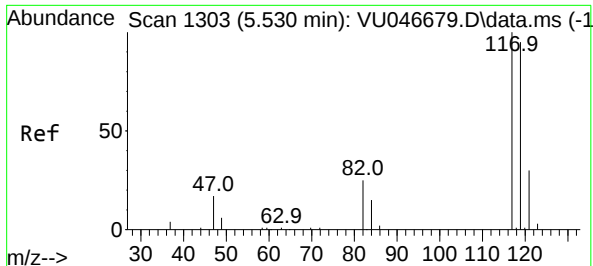
Ion Ratio Lower Upper

56 100

69 31.5 24.7 37.1

84 93.0 71.8 107.6

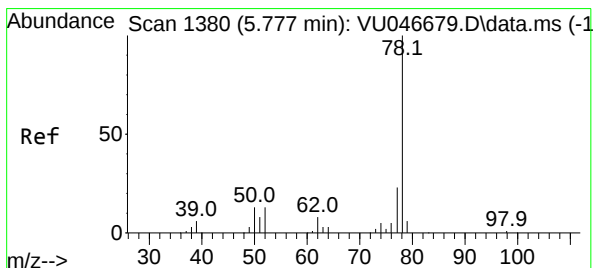
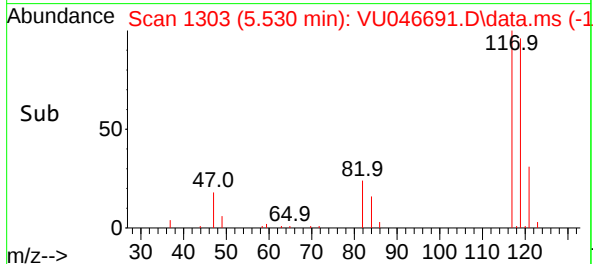
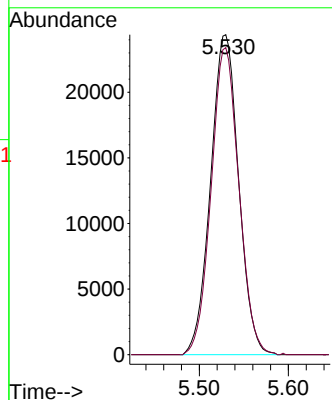
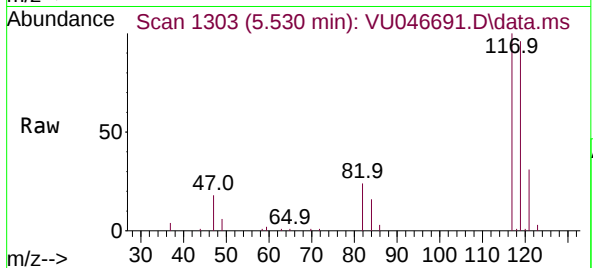




#31
Carbon tetrachloride
Concen: 4.546 ug/L
RT: 5.530 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU046691.D
Acq: 06 Jan 2022 17:30

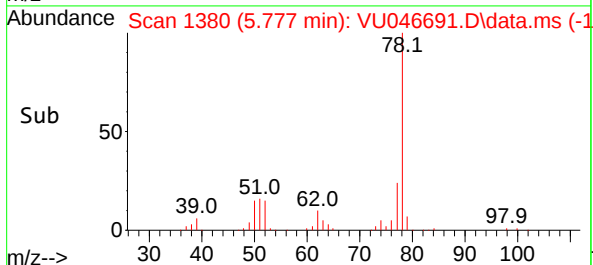
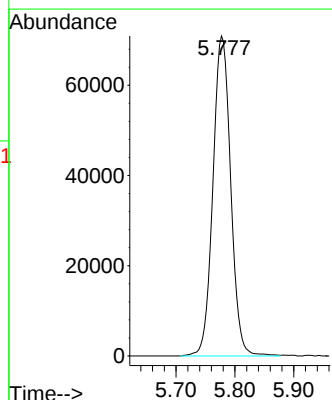
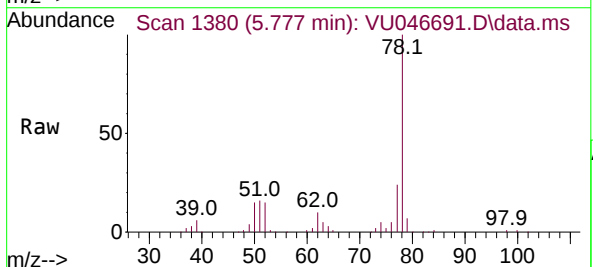
Instrument :
MSVOA_U
ClientSampleId :

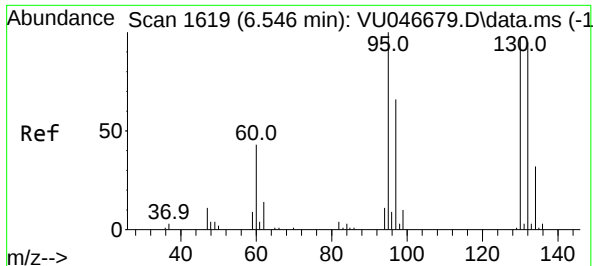
Tgt Ion:117 Resp: 53297
Ion Ratio Lower Upper
117 100
119 94.9 77.5 116.3



#33
Benzene
Concen: 4.438 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU046691.D
Acq: 06 Jan 2022 17:30

Tgt Ion: 78 Resp: 149001

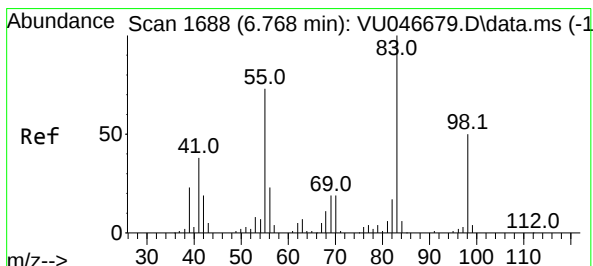
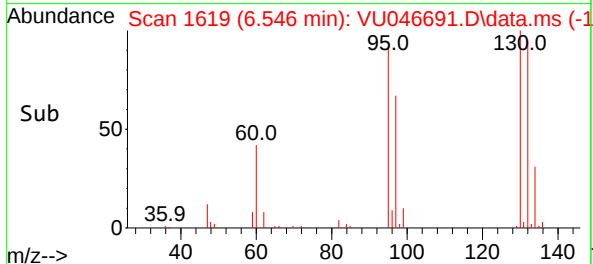
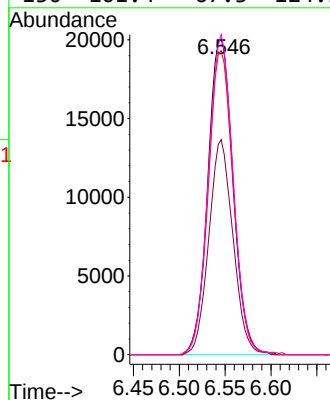
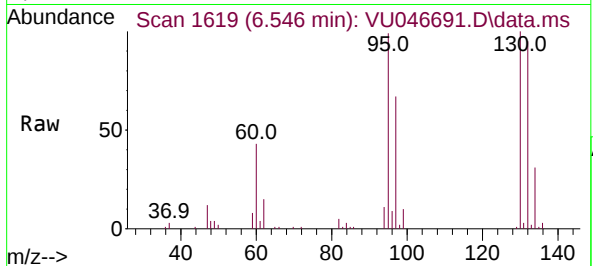




#34
Trichloroethene
Concen: 4.337 ug/L
RT: 6.546 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU046691.D
Acq: 06 Jan 2022 17:30

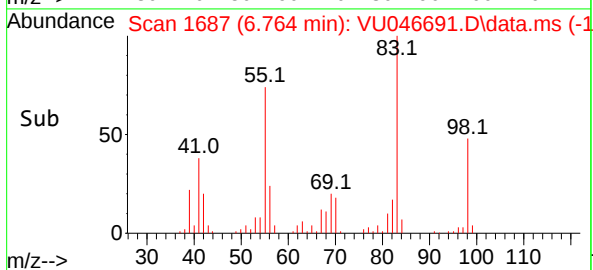
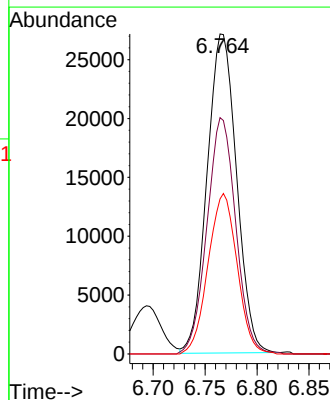
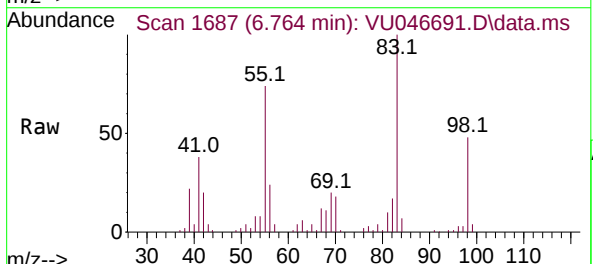
Instrument :
MSVOA_U
ClientSampleId :

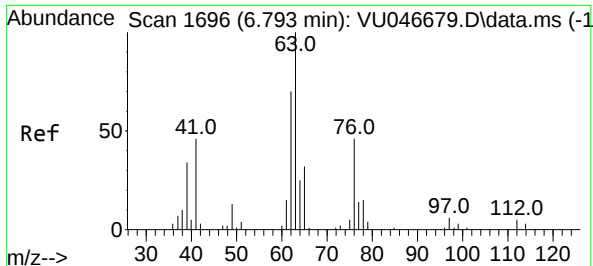
Tgt Ion: 95 Resp: 38382
Ion Ratio Lower Upper
95 100
97 68.1 46.5 86.5
132 96.3 65.1 120.9
130 101.4 67.3 124.9



#35
Methylcyclohexane
Concen: 4.288 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU046691.D
Acq: 06 Jan 2022 17:30

Tgt Ion: 83 Resp: 53503
Ion Ratio Lower Upper
83 100
55 72.5 61.9 92.9
98 49.5 39.0 58.6





#37

1,2-Dichloropropane

Concen: 4.685 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU046691.D

Acq: 06 Jan 2022 17:30

Instrument :

MSVOA_U

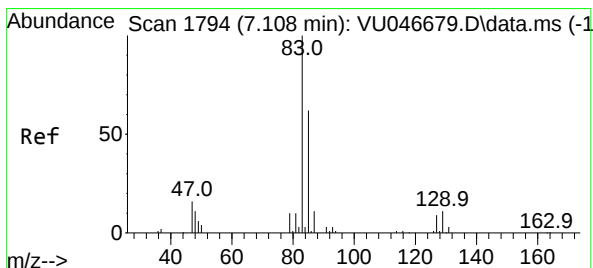
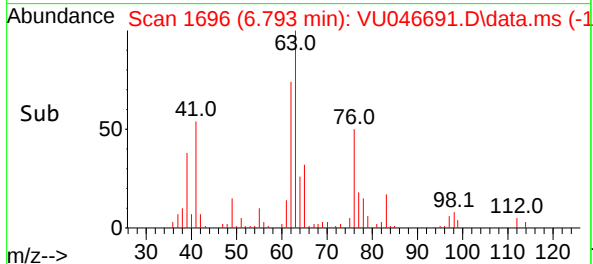
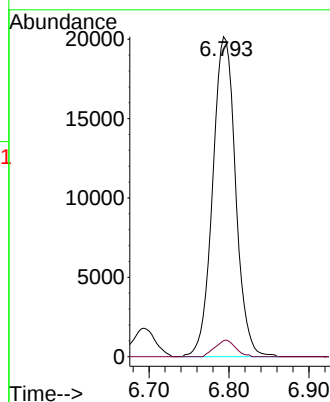
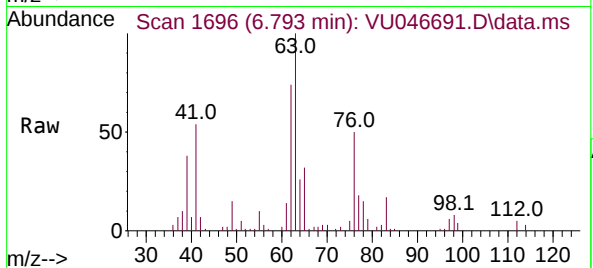
ClientSampleId :

Tgt Ion: 63 Resp: 40117

Ion Ratio Lower Upper

63 100

112 4.6 3.2 4.8



#38

Bromodichloromethane

Concen: 4.699 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU046691.D

Acq: 06 Jan 2022 17:30

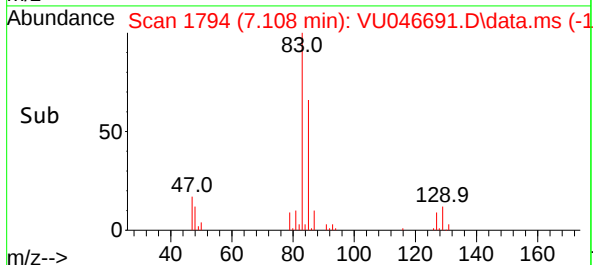
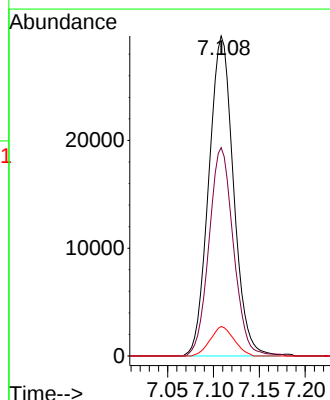
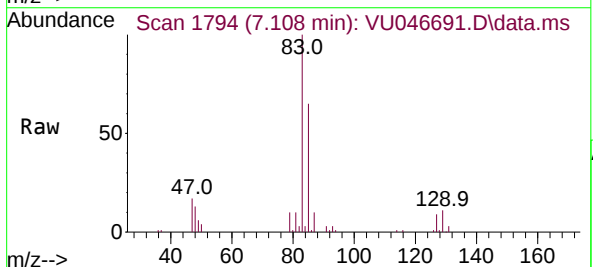
Tgt Ion: 83 Resp: 55702

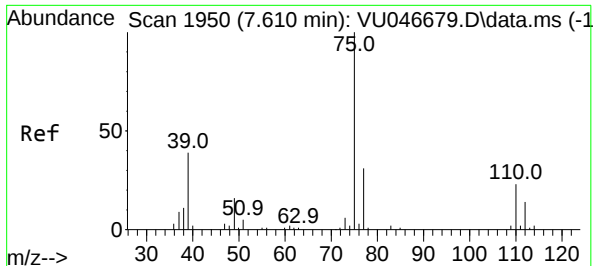
Ion Ratio Lower Upper

83 100

85 65.1 44.0 81.8

127 9.2 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.554 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU046691.D

Acq: 06 Jan 2022 17:30

Instrument :

MSVOA_U

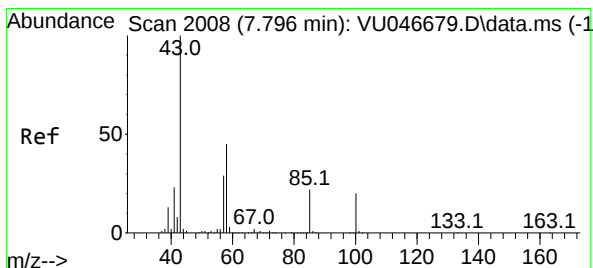
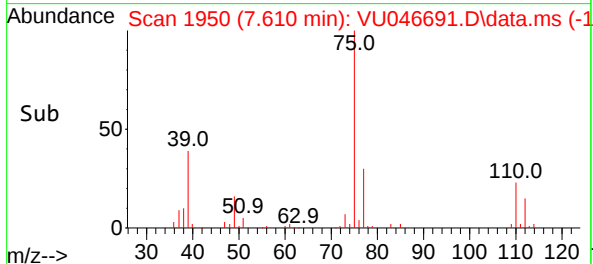
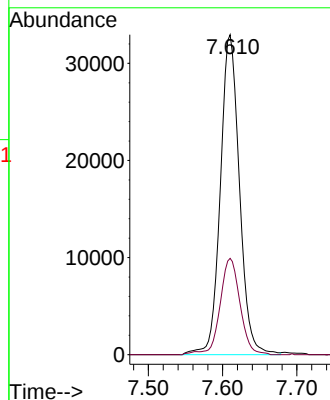
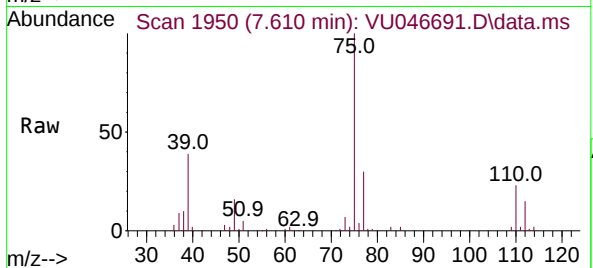
ClientSampleId :

Tgt Ion: 75 Resp: 59037

Ion Ratio Lower Upper

75 100

77 30.1 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 50.694 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU046691.D

Acq: 06 Jan 2022 17:30

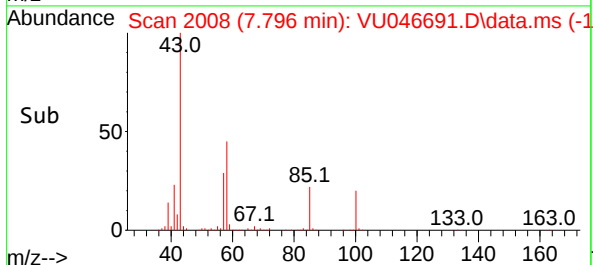
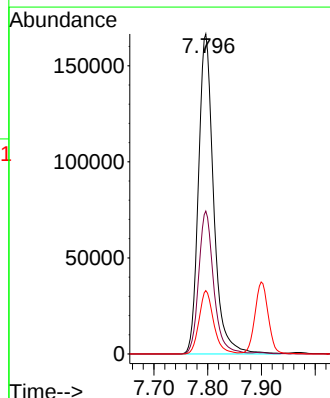
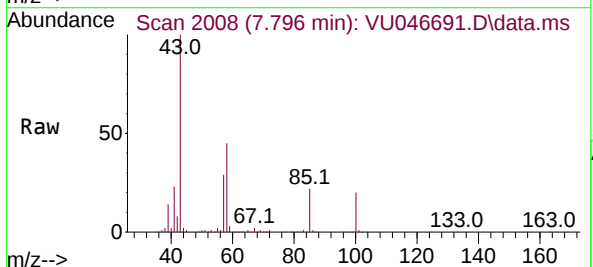
Tgt Ion: 43 Resp: 325881

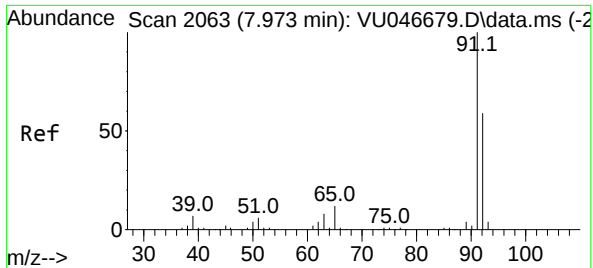
Ion Ratio Lower Upper

43 100

58 44.2 33.1 49.7

100 19.1 13.2 19.8





#42

Toluene

Concen: 4.805 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU046691.D

Acq: 06 Jan 2022 17:30

Instrument :

MSVOA_U

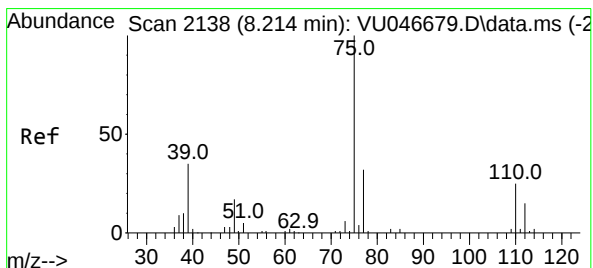
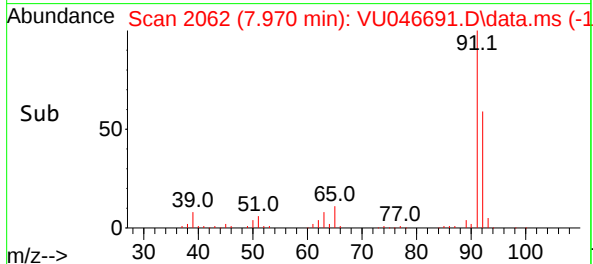
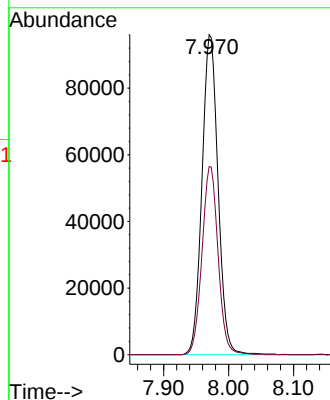
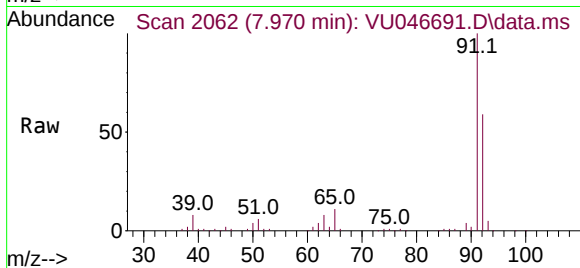
ClientSampleId :

Tgt Ion: 91 Resp: 165564

Ion Ratio Lower Upper

91 100

92 58.8 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 4.672 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VU046691.D

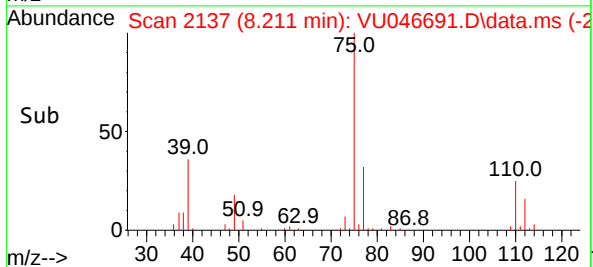
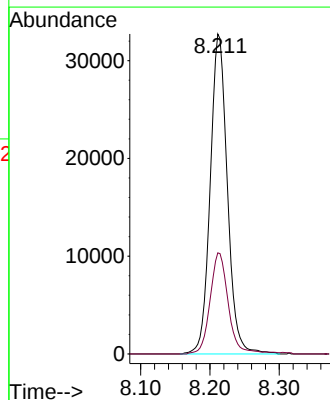
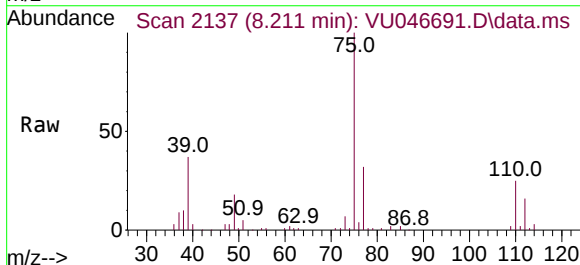
Acq: 06 Jan 2022 17:30

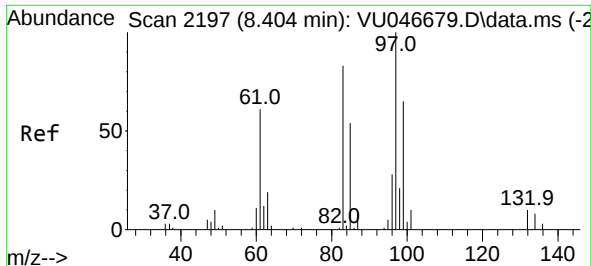
Tgt Ion: 75 Resp: 56131

Ion Ratio Lower Upper

75 100

77 31.6 22.7 42.3

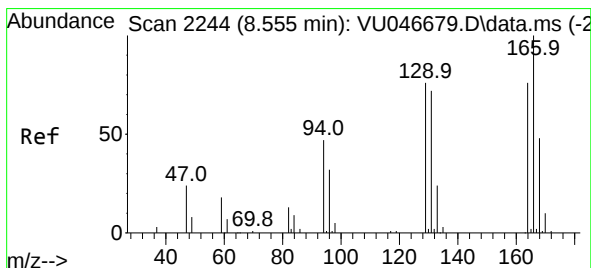
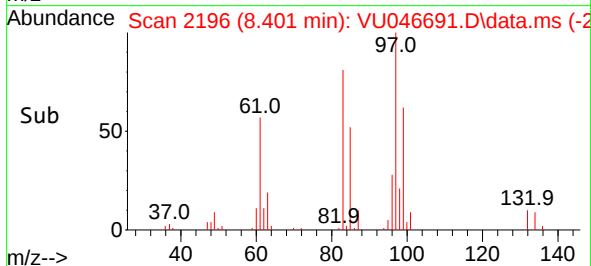
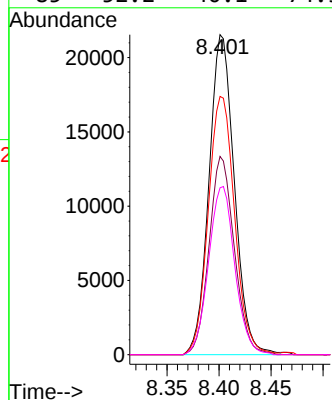
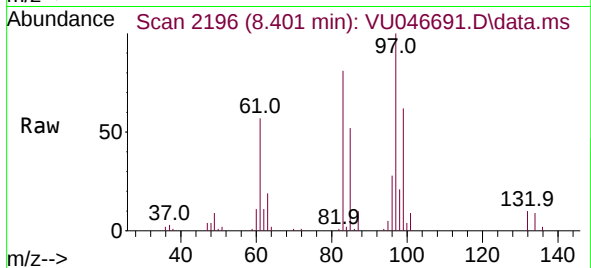




#45
1,1,2-Trichloroethane
Concen: 4.954 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU046691.D
Acq: 06 Jan 2022 17:30

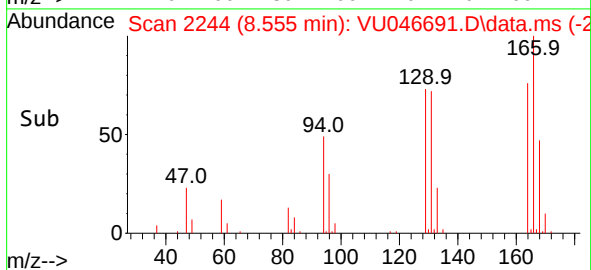
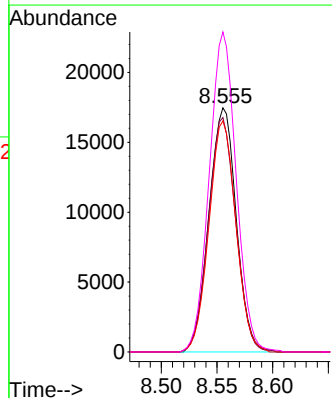
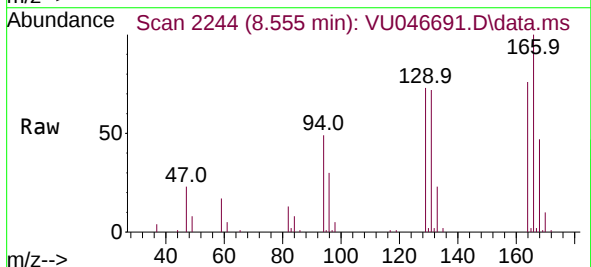
Instrument :
MSVOA_U
ClientSampleId :

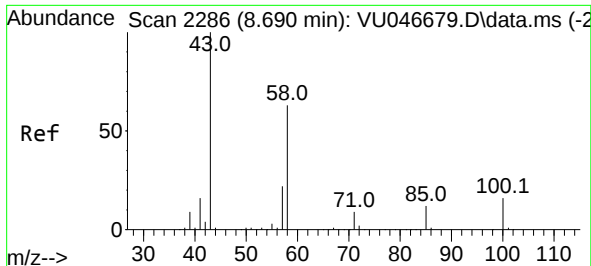
Tgt Ion: 97	Resp: 36587
Ion Ratio	Lower Upper
97 100	
99 61.9	42.3 78.5
83 80.7	62.0 115.2
85 52.2	40.1 74.5



#47
Tetrachloroethene
Concen: 4.761 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU046691.D
Acq: 06 Jan 2022 17:30

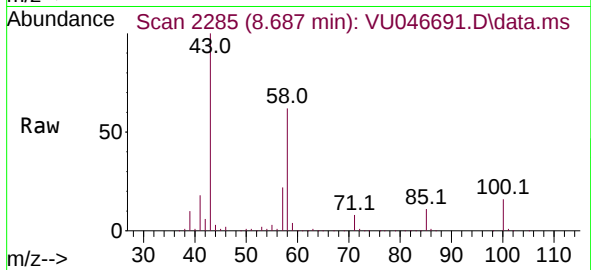
Tgt	Ion:164	Resp:	29814
Ion	Ratio	Lower	Upper
164	100		
129	96.0	71.8	133.4
131	94.6	68.5	127.3
166	131.0	94.1	174.8



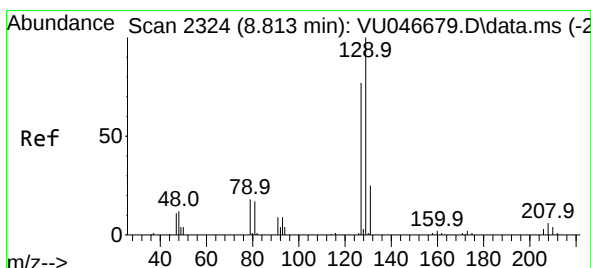
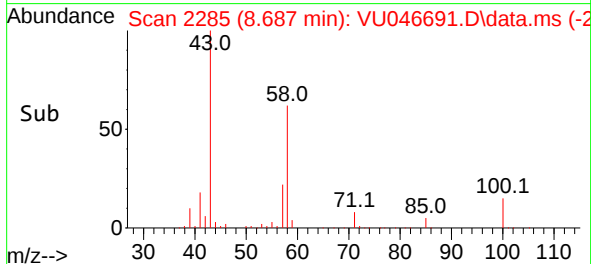
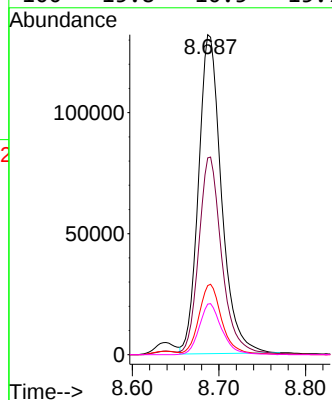


#48
2-Hexanone
Concen: 50.621 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046691.D
Acq: 06 Jan 2022 17:30

Instrument :
MSVOA_U
ClientSampleId :

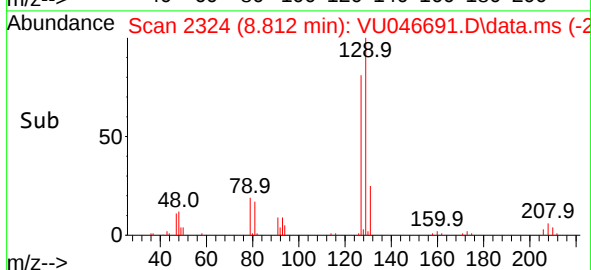
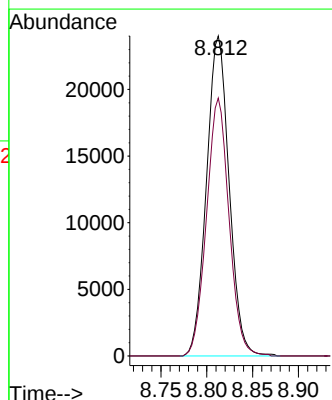
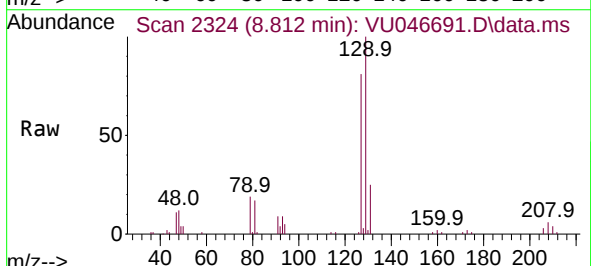


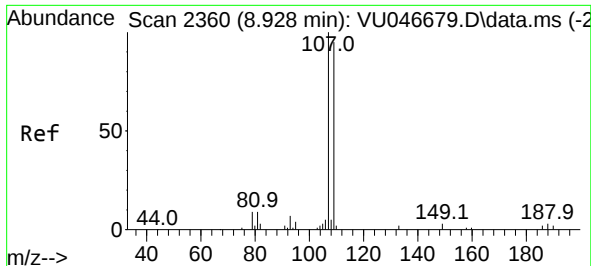
Tgt Ion: 43 Resp: 243020
Ion Ratio Lower Upper
43 100
58 62.2 46.7 70.1
57 22.0 16.3 24.5
100 15.8 10.5 15.7#



#49
Dibromochloromethane
Concen: 4.842 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU046691.D
Acq: 06 Jan 2022 17:30

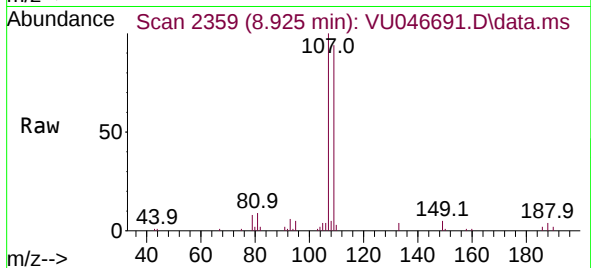
Tgt Ion: 129 Resp: 41243
Ion Ratio Lower Upper
129 100
127 80.6 55.4 102.8



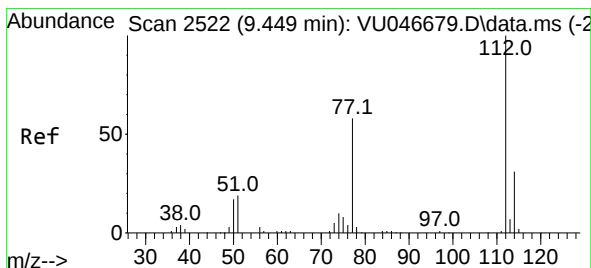
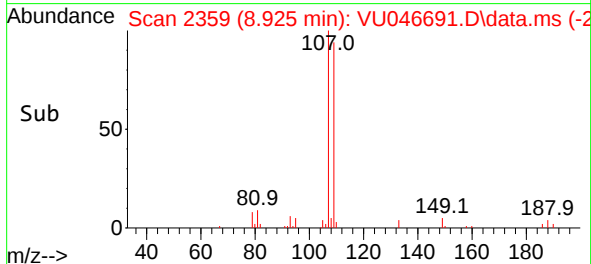
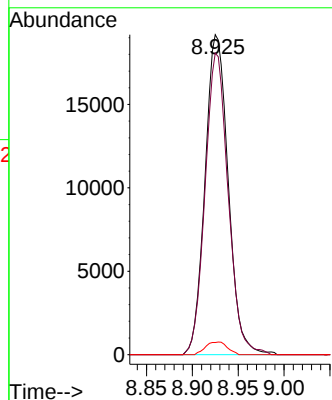


#50
1,2-Dibromoethane
Concen: 4.738 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046691.D
Acq: 06 Jan 2022 17:30

Instrument :
MSVOA_U
ClientSampleId :

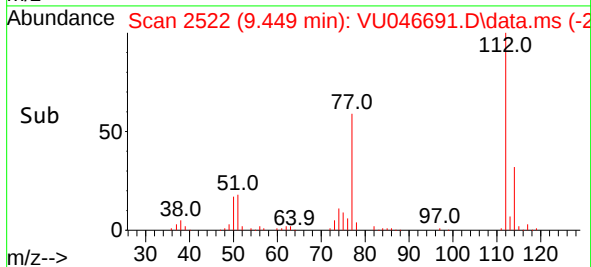
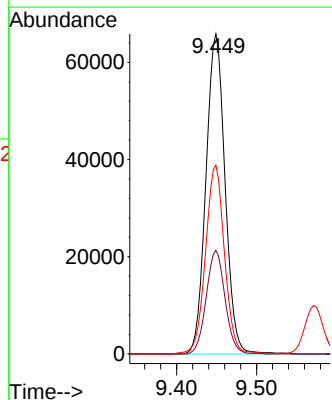
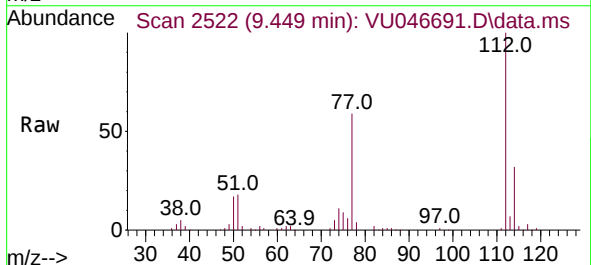


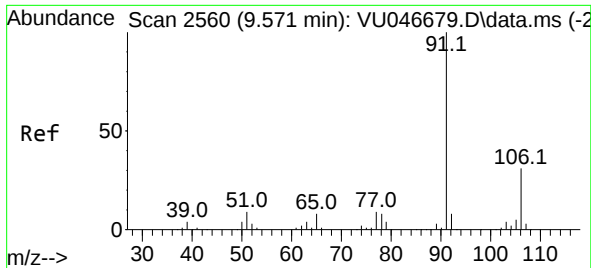
Tgt Ion:107 Resp: 33777
Ion Ratio Lower Upper
107 100
109 94.2 64.0 119.0
188 3.8 2.4 3.6#



#51
Chlorobenzene
Concen: 4.970 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU046691.D
Acq: 06 Jan 2022 17:30

Tgt Ion:112 Resp: 109467
Ion Ratio Lower Upper
112 100
114 32.4 22.1 41.1
77 59.0 48.3 72.5

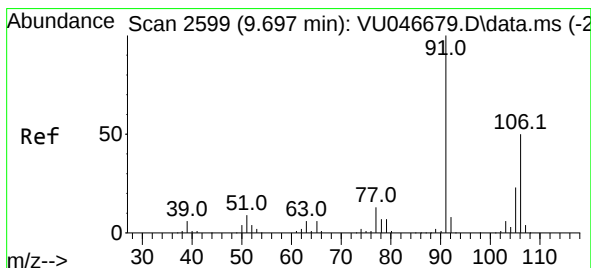
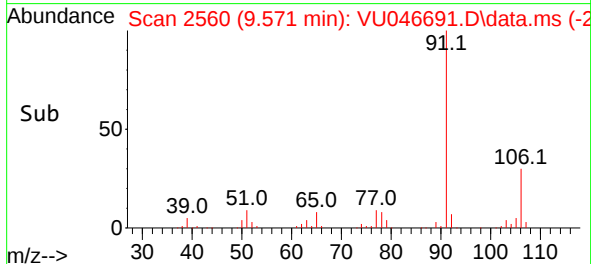
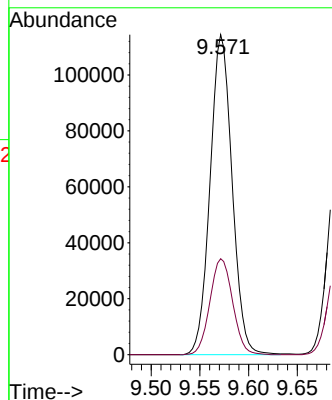
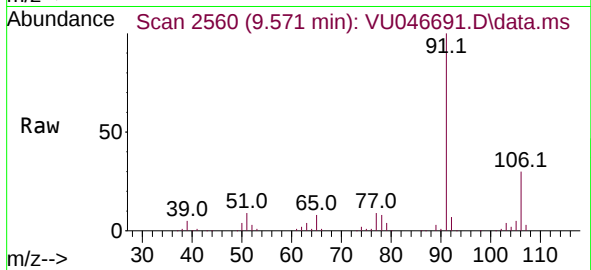




#52
Ethylbenzene
Concen: 5.033 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU046691.D
Acq: 06 Jan 2022 17:30

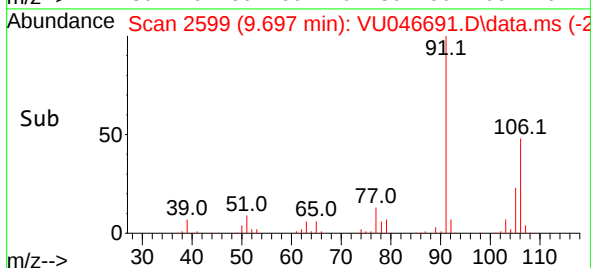
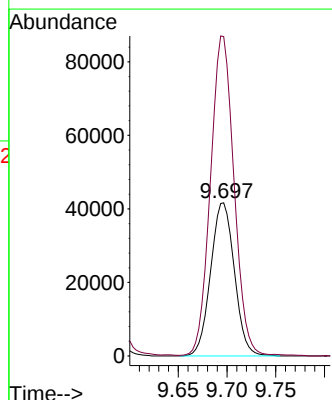
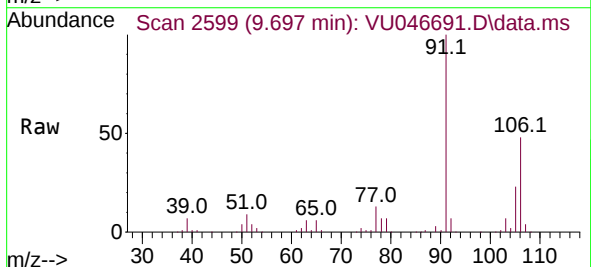
Instrument :
MSVOA_U
ClientSampleId :

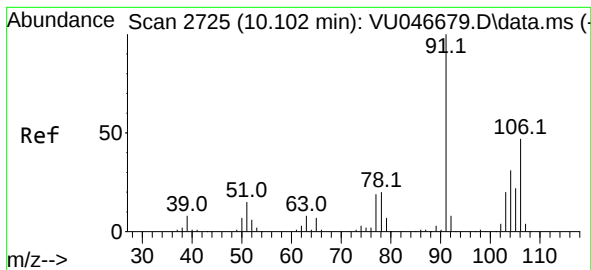
Tgt Ion: 91 Resp: 179529
Ion Ratio Lower Upper
91 100
106 30.0 21.5 39.9



#53
m,p-Xylene
Concen: 5.167 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU046691.D
Acq: 06 Jan 2022 17:30

Tgt Ion:106 Resp: 70598
Ion Ratio Lower Upper
106 100
91 208.7 139.4 259.0





#54

o-Xylene

Concen: 5.323 ug/L

RT: 10.102 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU046691.D

Acq: 06 Jan 2022 17:30

Instrument :

MSVOA_U

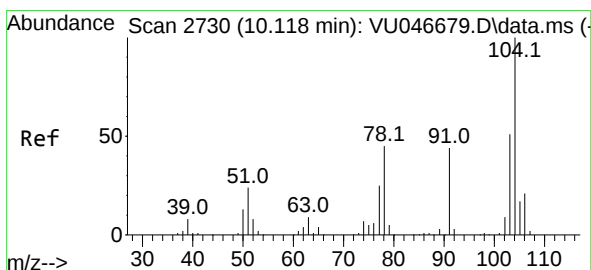
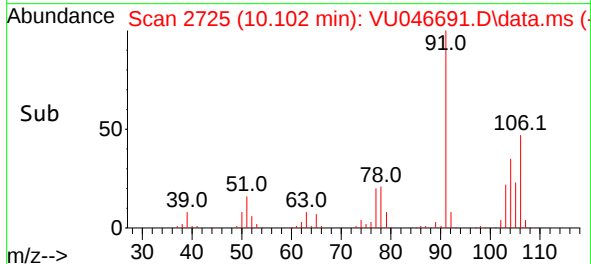
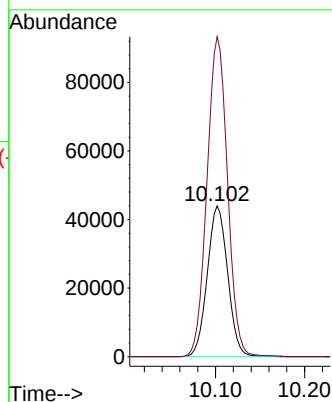
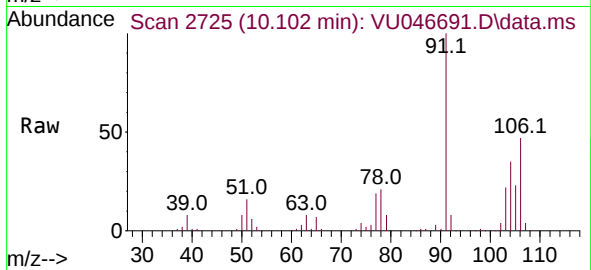
ClientSampleId :

Tgt Ion:106 Resp: 69887

Ion Ratio Lower Upper

106 100

91 212.2 147.5 273.9



#55

Styrene

Concen: 5.549 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. -0.003 min

Lab File: VU046691.D

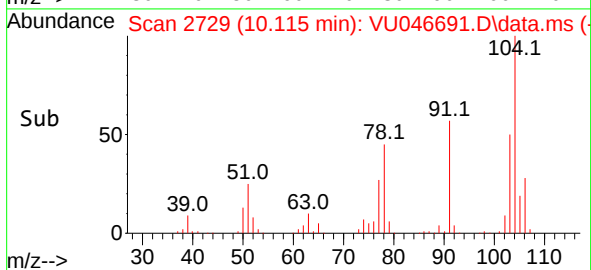
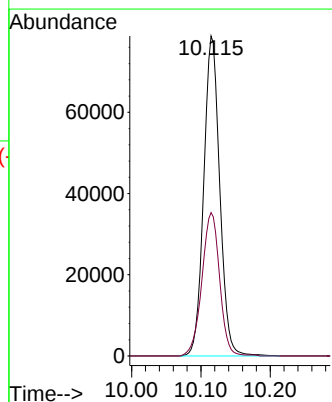
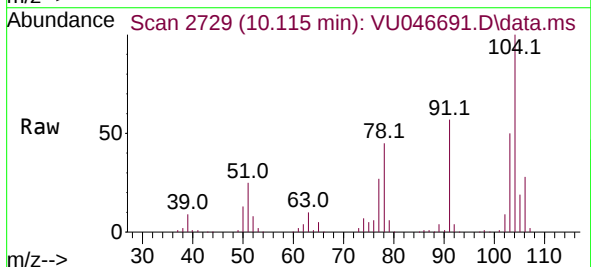
Acq: 06 Jan 2022 17:30

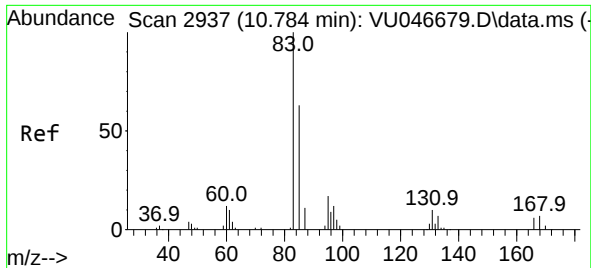
Tgt Ion:104 Resp: 126383

Ion Ratio Lower Upper

104 100

78 44.8 33.0 61.4

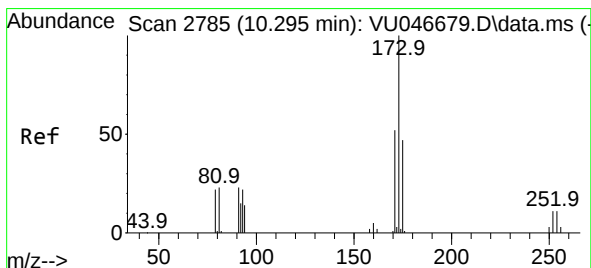
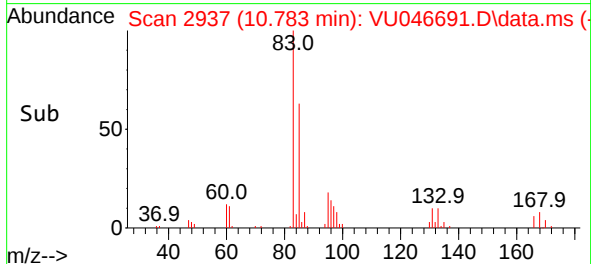
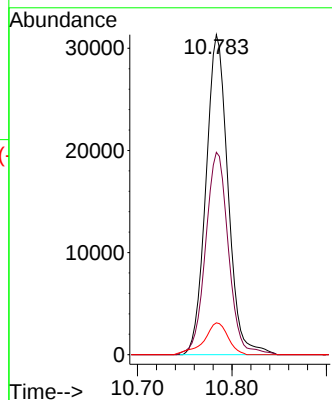
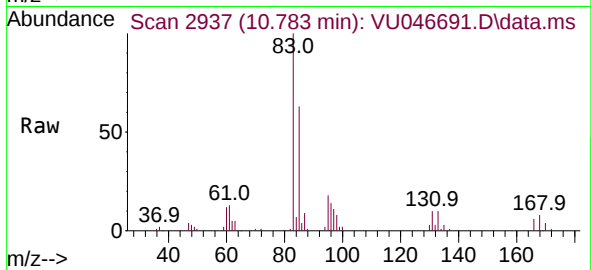




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.260 ug/L
 RT: 10.783 min Scan# 2937
 Delta R.T. -0.000 min
 Lab File: VU046691.D
 Acq: 06 Jan 2022 17:30

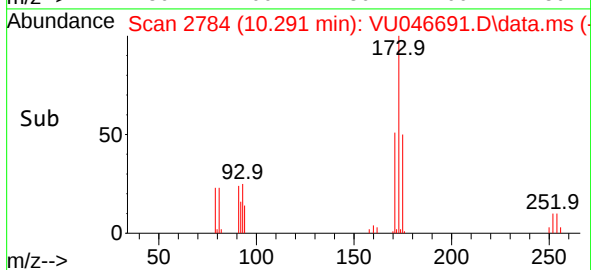
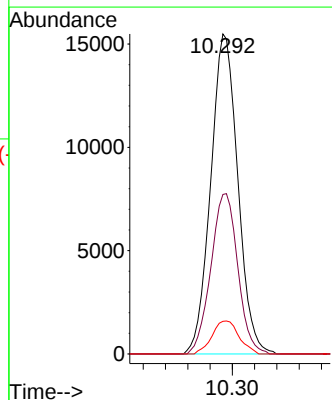
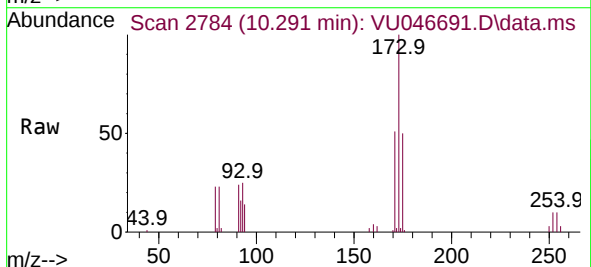
Instrument :
 MSVOA_U
 ClientSampleId :

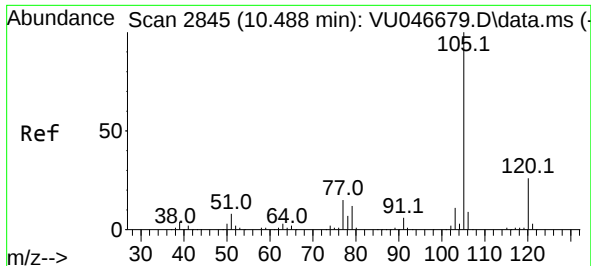
Tgt Ion: 83 Resp: 50762
 Ion Ratio Lower Upper
 83 100
 85 63.2 47.9 89.1
 131 9.9 8.1 12.1



#59
 Bromoform
 Concen: 4.497 ug/L
 RT: 10.291 min Scan# 2784
 Delta R.T. -0.003 min
 Lab File: VU046691.D
 Acq: 06 Jan 2022 17:30

Tgt Ion:173 Resp: 26152
 Ion Ratio Lower Upper
 173 100
 175 49.7 37.8 56.6
 254 10.3 7.3 10.9

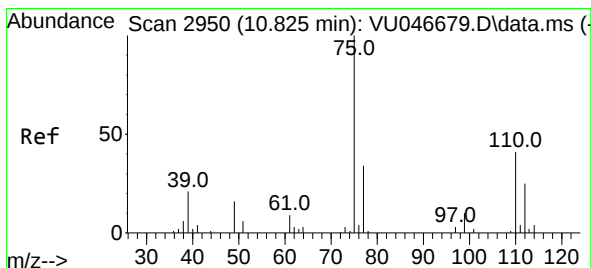
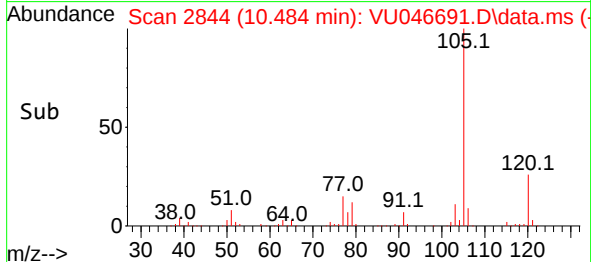
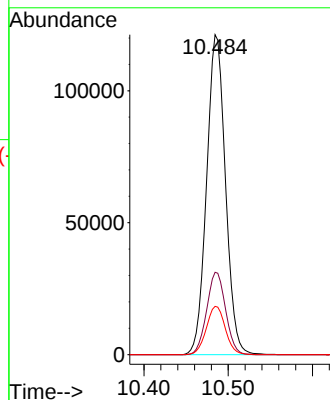
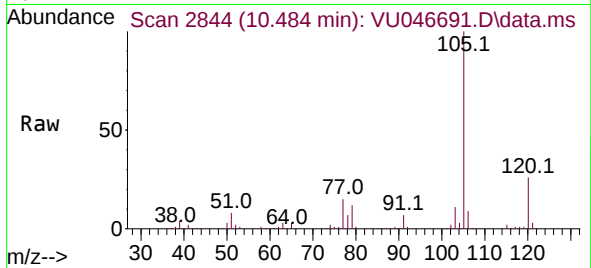




#60
Isopropylbenzene
Concen: 4.865 ug/L
RT: 10.484 min Scan# 2845
Delta R.T. -0.003 min
Lab File: VU046691.D
Acq: 06 Jan 2022 17:30

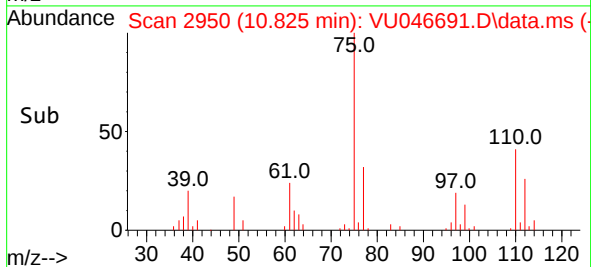
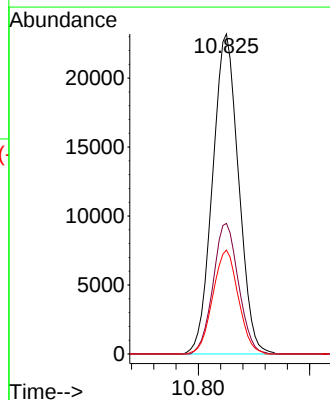
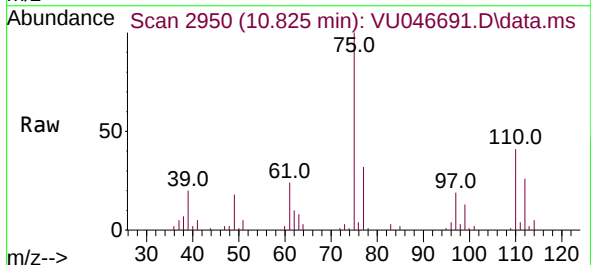
Instrument :
MSVOA_U
ClientSampleId :

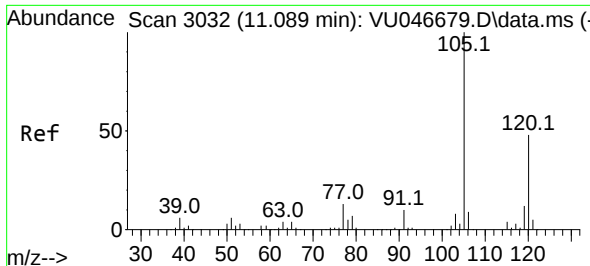
Tgt Ion:105 Resp: 188849
Ion Ratio Lower Upper
105 100
120 25.8 20.7 31.1
77 15.2 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.499 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU046691.D
Acq: 06 Jan 2022 17:30

Tgt Ion: 75 Resp: 37612
Ion Ratio Lower Upper
75 100
110 39.8 29.9 44.9
77 31.9 25.5 38.3

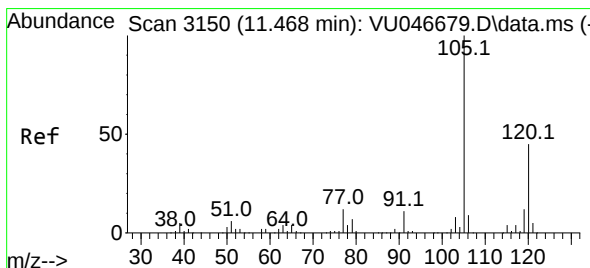
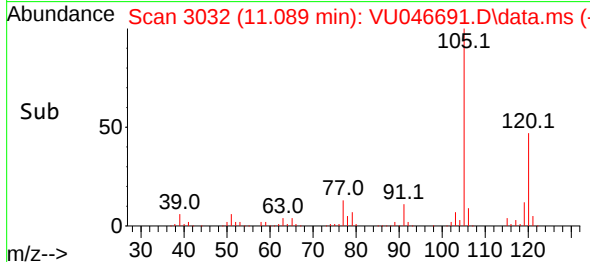
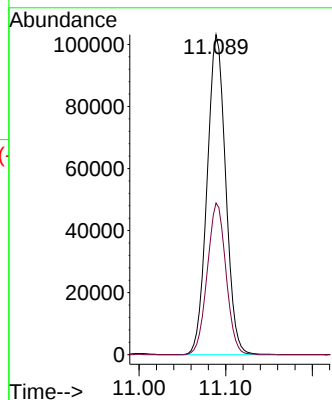
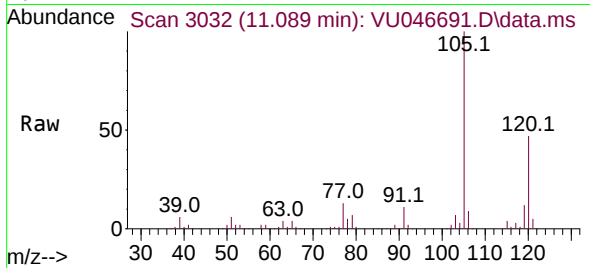




#62
1,3,5-Trimethylbenzene
Concen: 4.753 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU046691.D
Acq: 06 Jan 2022 17:30

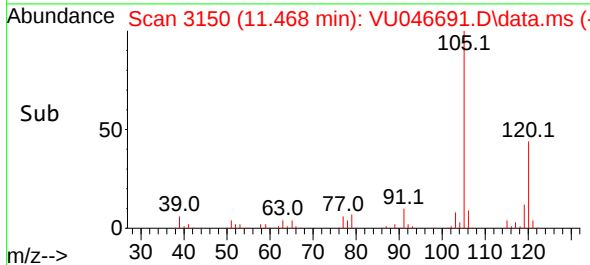
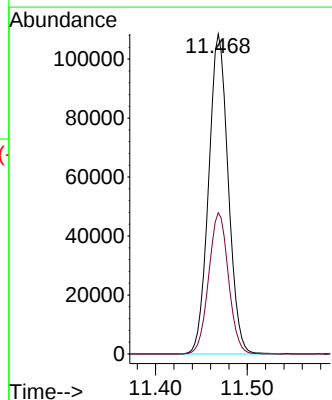
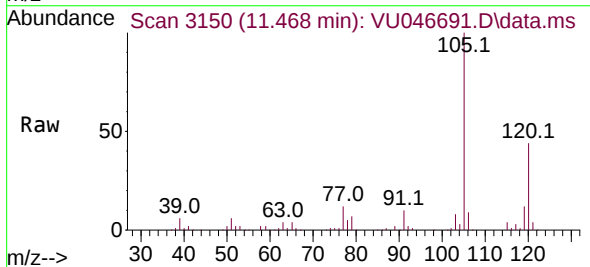
Instrument :
MSVOA_U
ClientSampleId :

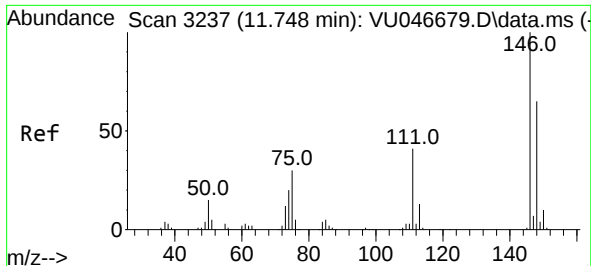
Tgt Ion:105 Resp: 153460
Ion Ratio Lower Upper
105 100
120 47.8 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 4.946 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU046691.D
Acq: 06 Jan 2022 17:30

Tgt Ion:105 Resp: 160810
Ion Ratio Lower Upper
105 100
120 44.5 35.8 53.8

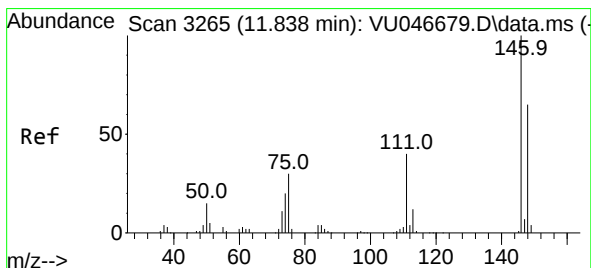
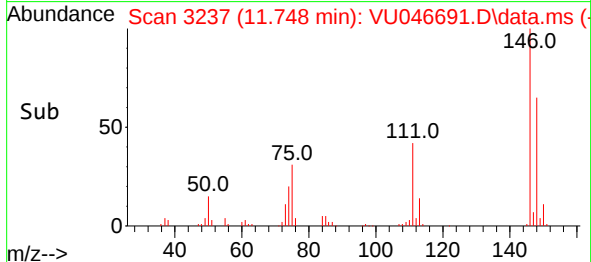
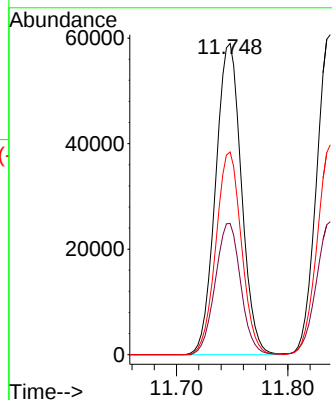
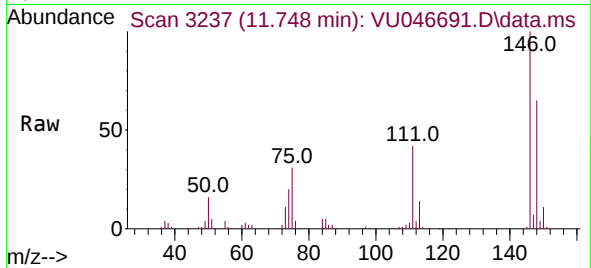




#64
1,3-Dichlorobenzene
Concen: 5.037 ug/L
RT: 11.748 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU046691.D
Acq: 06 Jan 2022 17:30

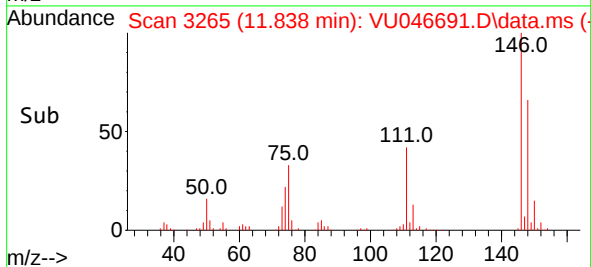
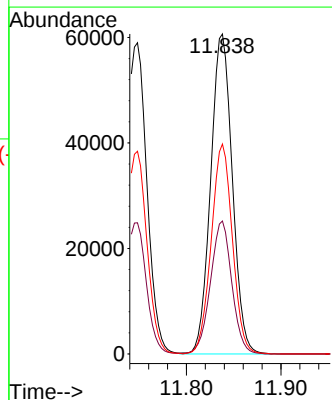
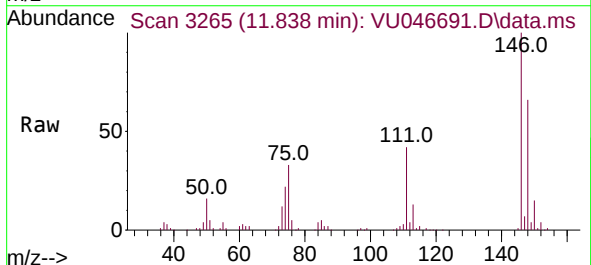
Instrument :
MSVOA_U
ClientSampleId :

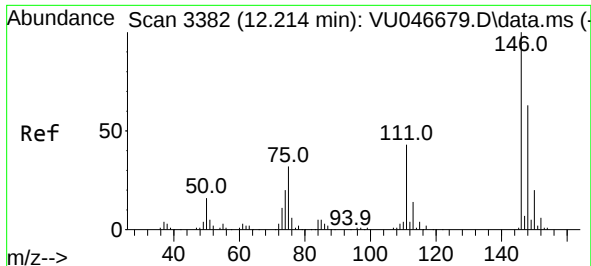
Tgt Ion:146 Resp: 95044
Ion Ratio Lower Upper
146 100
111 42.1 29.9 55.5
148 65.2 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 4.994 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU046691.D
Acq: 06 Jan 2022 17:30

Tgt Ion:146 Resp: 96478
Ion Ratio Lower Upper
146 100
111 41.5 28.7 53.3
148 65.6 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 4.963 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. -0.000 min

Lab File: VU046691.D

Acq: 06 Jan 2022 17:30

Instrument :

MSVOA_U

ClientSampleId :

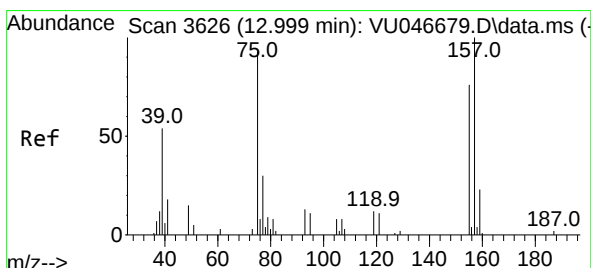
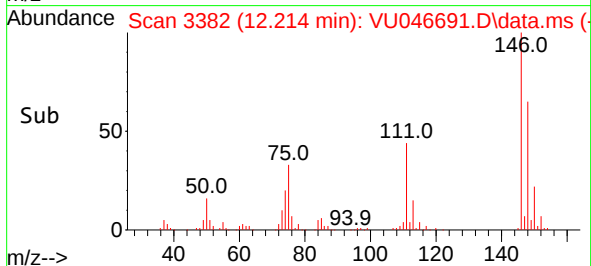
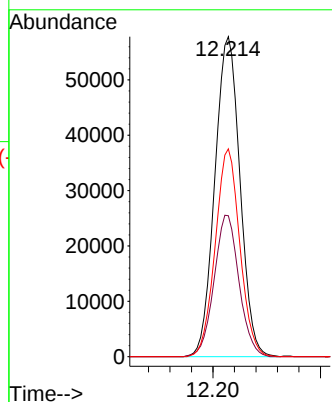
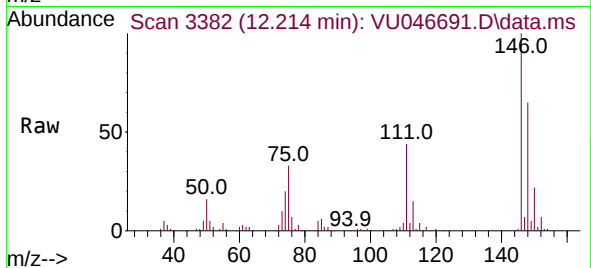
Tgt Ion:146 Resp: 93938

Ion Ratio Lower Upper

146 100

111 44.0 35.4 53.0

148 65.0 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 4.368 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU046691.D

Acq: 06 Jan 2022 17:30

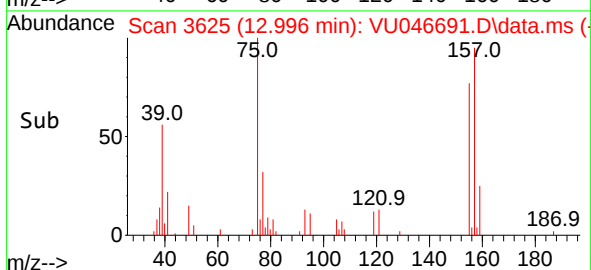
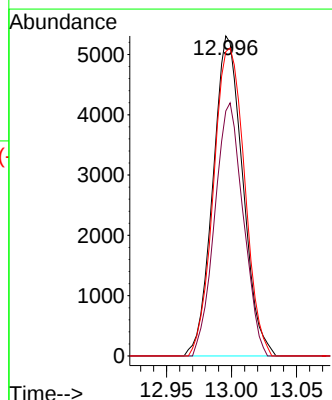
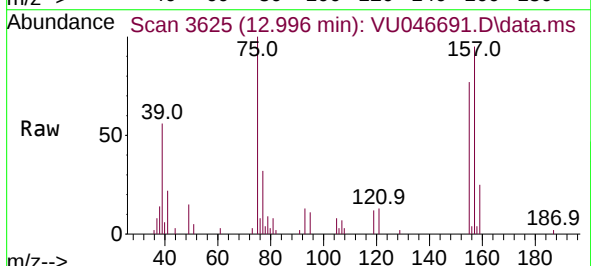
Tgt Ion: 75 Resp: 8452

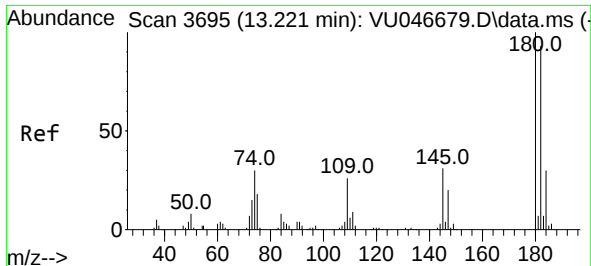
Ion Ratio Lower Upper

75 100

155 76.5 59.2 88.8

157 95.1 76.5 114.7





#69

1,3,5-Trichlorobenzene

Concen: 5.224 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. -0.000 min

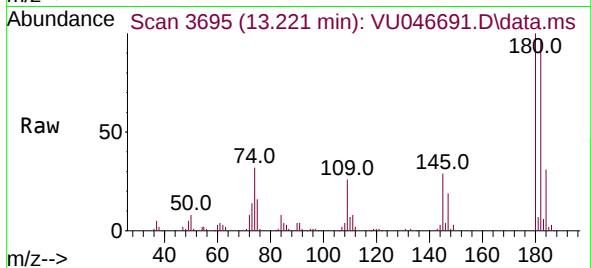
Lab File: VU046691.D

Acq: 06 Jan 2022 17:30

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 74615

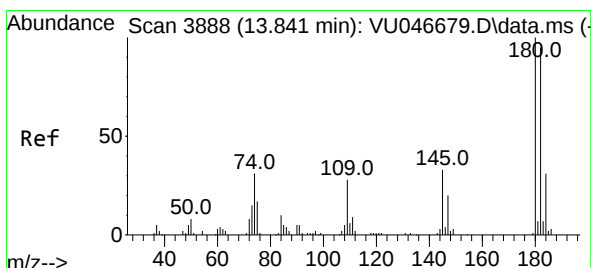
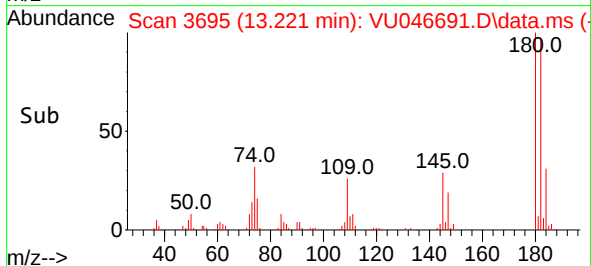
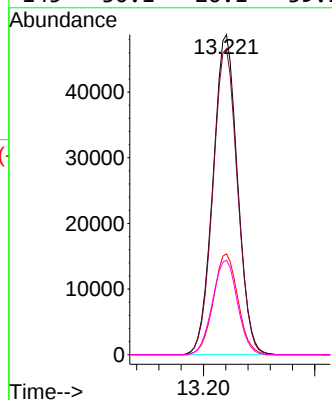
Ion Ratio Lower Upper

180 100

182 95.9 76.1 114.1

184 31.5 25.0 37.4

145 30.1 26.1 39.1



#70

1,2,4-trichlorobenzene

Concen: 5.177 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU046691.D

Acq: 06 Jan 2022 17:30

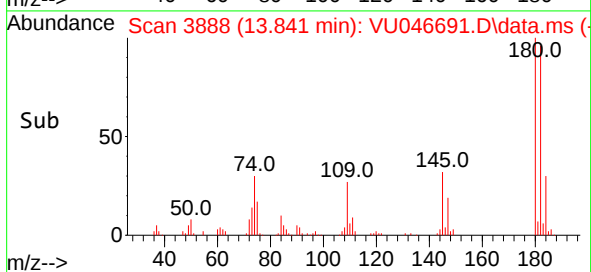
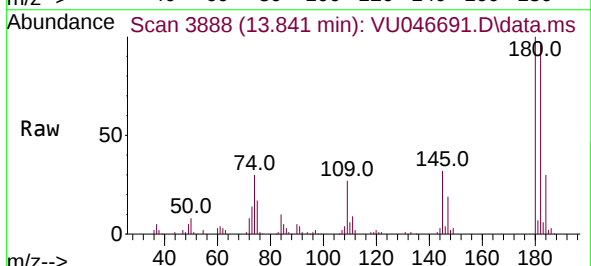
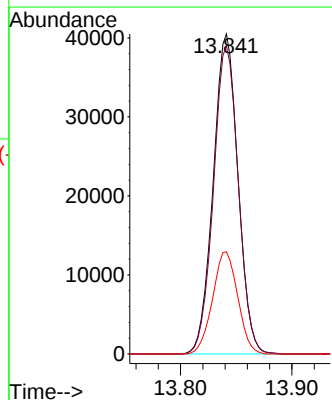
Tgt Ion:180 Resp: 62632

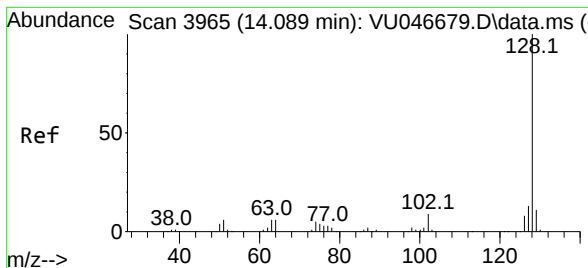
Ion Ratio Lower Upper

180 100

182 96.3 76.4 114.6

145 32.4 25.6 38.4





#71

Naphthalene

Concen: 4.747 ug/L

RT: 14.086 min Scan# 3965

Delta R.T. -0.003 min

Lab File: VU046691.D

Acq: 06 Jan 2022 17:30

Instrument :

MSVOA_U

ClientSampleId :

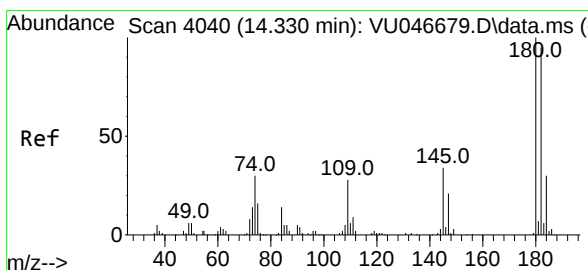
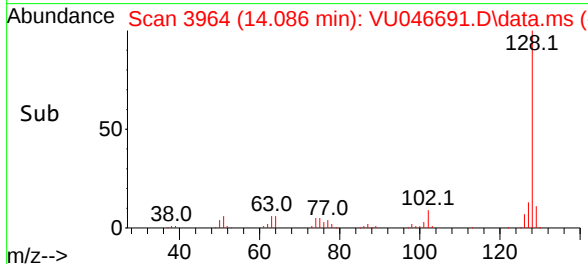
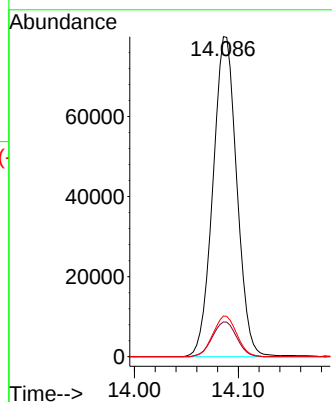
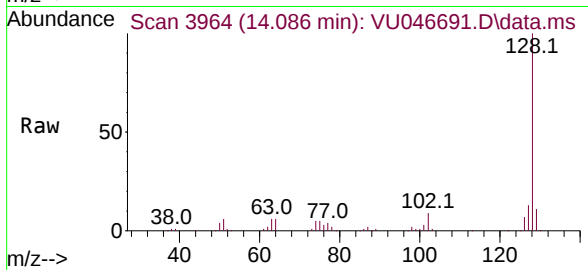
Tgt Ion:128 Resp: 127526

Ion Ratio Lower Upper

128 100

129 11.1 8.4 12.6

127 12.7 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 5.230 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. -0.000 min

Lab File: VU046691.D

Acq: 06 Jan 2022 17:30

Tgt Ion:180 Resp: 62633

Ion Ratio Lower Upper

180 100

182 96.4 76.2 114.4

145 32.7 28.4 42.6

