

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010622\
 Data File : VU046679.D
 Acq On : 06 Jan 2022 11:29
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 07 03:07:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 30 04:21:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	94777	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	98773	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	56438	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	40066	5.367	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.400%
7) Chloroethane-d5	1.919	69	30626	5.210	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.200%
11) 1,1-Dichloroethene-d2	2.575	65	17157	5.450	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.000%
20) 2-Butanone-d5	4.655	46	133870	61.821	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.640%
24) Chloroform-d	5.070	84	77626	5.675	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.400%
26) 1,2-Dichloroethane-d4	5.707	65	44248	5.658	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.200%
32) Benzene-d6	5.732	84	150808	5.477	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.600%
36) 1,2-Dichloropropane-d6	6.694	67	46197	5.584	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.600%
41) Toluene-d8	7.899	98	137811	5.515	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.200%
43) trans-1,3-Dichloroprop...	8.182	79	21520	5.624	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	112.400%
46) 2-Hexanone-d5	8.639	63	127502	56.752	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.500%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	47917	5.643	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	52423	5.043	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	68803	4.744	ug/L	99
3) Chloromethane	1.523	50	48979	3.921	ug/L	100
5) Vinyl chloride	1.607	62	53264	4.332	ug/L	100
6) Bromomethane	1.864	94	32235	4.355	ug/L	99
8) Chloroethane	1.941	64	33147	4.592	ug/L	100
9) Trichlorofluoromethane	2.147	101	85746	5.331	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	49603	6.058	ug/L	97
12) 1,1-Dichloroethene	2.588	96	42725	5.125	ug/L	79
13) Acetone	2.681	43	128332	63.211	ug/L	85
14) Carbon disulfide	2.800	76	96618	3.548	ug/L	99
15) Methyl Acetate	2.967	43	27680	6.750	ug/L	97
16) Methylene chloride	3.054	84	63660	6.275	ug/L	91
17) Methyl tert-butyl Ether	3.369	73	136610	5.617	ug/L	97
18) trans-1,2-Dichloroethene	3.359	96	44567	5.011	ug/L	89
19) 1,1-Dichloroethane	3.877	63	88760	5.417	ug/L	99
21) 2-Butanone	4.732	43	190672	61.902	ug/L	94
22) cis-1,2-Dichloroethene	4.671	96	53711	5.525	ug/L	95
23) Bromochloromethane	4.980	128	26772	5.533	ug/L	88
25) Chloroform	5.096	83	101222	5.719	ug/L	97

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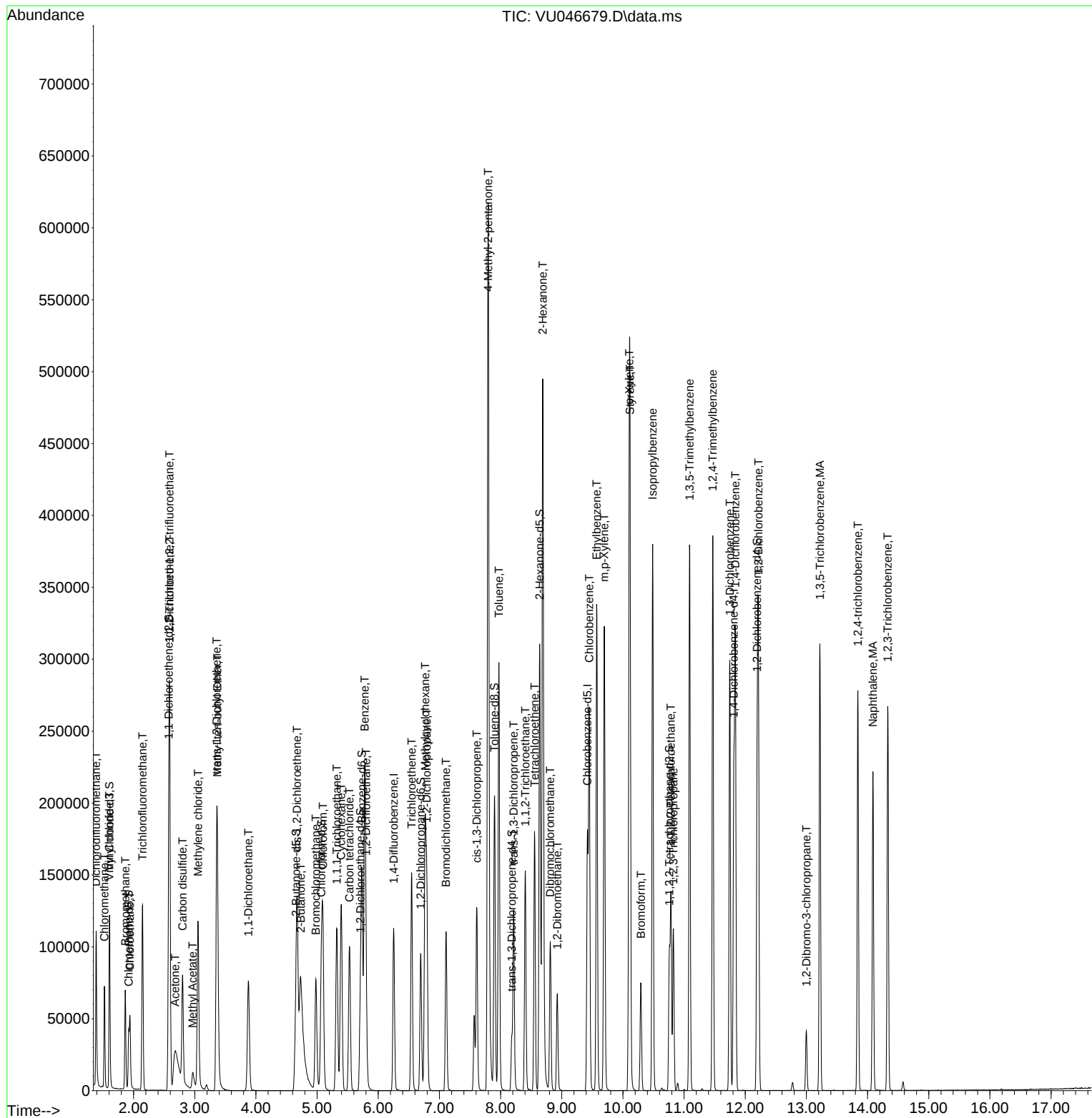
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	65434	5.179	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	85378	5.227	ug/L	98
30) Cyclohexane	5.395	56	64508	4.775	ug/L	94
31) Carbon tetrachloride	5.530	117	71993	5.253	ug/L	98
33) Benzene	5.777	78	198379	5.055	ug/L	100
34) Trichloroethene	6.546	95	51981	5.024	ug/L	99
35) Methylcyclohexane	6.768	83	74576	5.113	ug/L	96
37) 1,2-Dichloropropane	6.793	63	52924	5.287	ug/L	98
38) Bromodichloromethane	7.108	83	74555	5.381	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	78951	5.210	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	419385	55.810	ug/L	95
42) Toluene	7.973	91	218717	5.430	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	74250	5.287	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	48227	5.586	ug/L	95
47) Tetrachloroethene	8.555	164	39007	5.328	ug/L	97
48) 2-Hexanone	8.690	43	317423	56.562	ug/L #	95
49) Dibromochloromethane	8.813	129	55076	5.531	ug/L	98
50) 1,2-Dibromoethane	8.928	107	44447	5.334	ug/L	96
51) Chlorobenzene	9.449	112	144111	5.597	ug/L	98
52) Ethylbenzene	9.571	91	238266	5.714	ug/L	99
53) m,p-Xylene	9.697	106	95130	5.956	ug/L	98
54) o-Xylene	10.102	106	91513	5.962	ug/L	98
55) Styrene	10.118	104	164490	6.179	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.784	83	64775	5.742	ug/L	94
59) Bromoform	10.295	173	34992	5.367	ug/L	99
60) Isopropylbenzene	10.488	105	250020	5.744	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	47618	5.080	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	204823	5.658	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	212523	5.830	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	121916	5.762	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	124490	5.748	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	118815	5.599	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	10829	4.991	ug/L	89
69) 1,3,5-Trichlorobenzene	13.221	180	95788	5.982	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	82948	6.116	ug/L	99
71) Naphthalene	14.089	128	174980	5.809	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	81390	6.061	ug/L	99

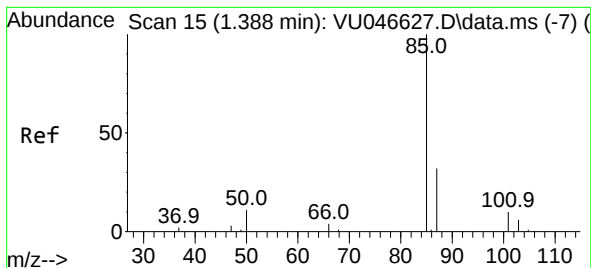
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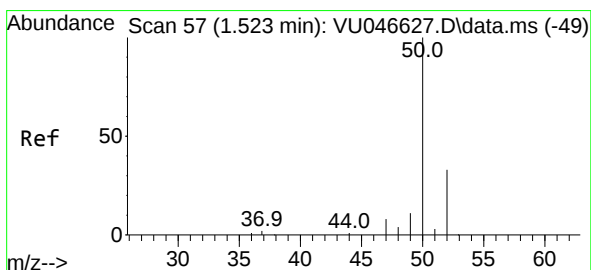
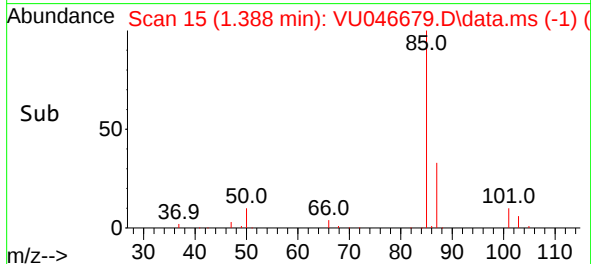
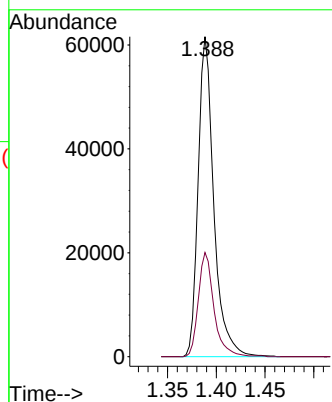
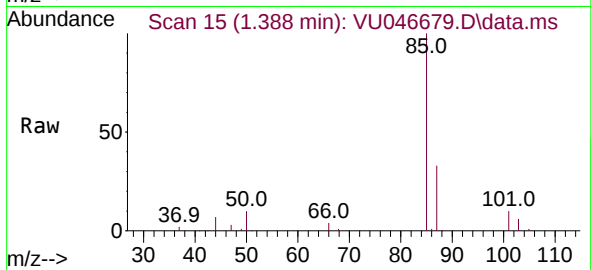




#2
 Dichlorodifluoromethane
 Concen: 4.744 ug/L
 RT: 1.388 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VU046679.D
 Acq: 06 Jan 2022 11:29

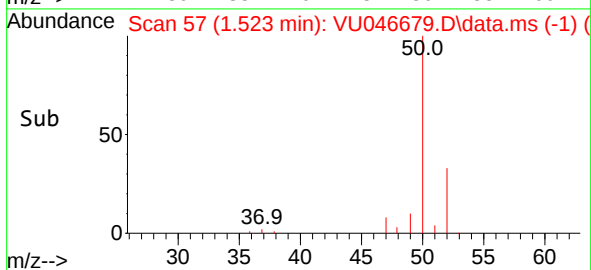
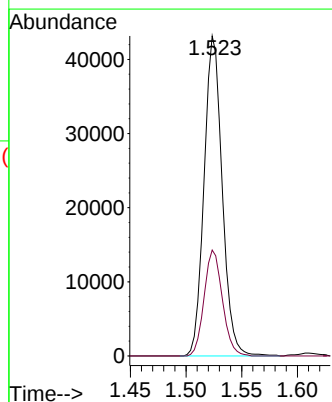
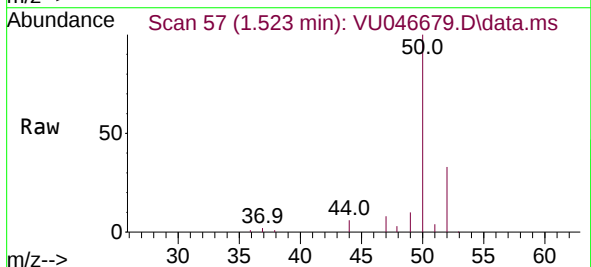
Instrument :
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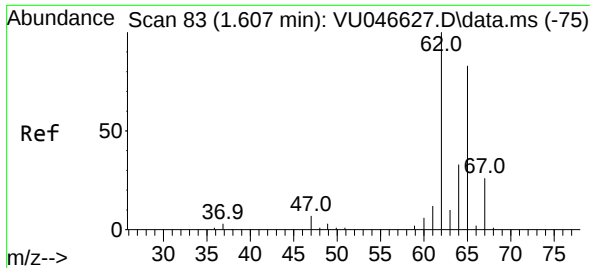
Tgt Ion: 85 Resp: 68803
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.8 38.6



#3
 Chloromethane
 Concen: 3.921 ug/L
 RT: 1.523 min Scan# 57
 Delta R.T. -0.000 min
 Lab File: VU046679.D
 Acq: 06 Jan 2022 11:29

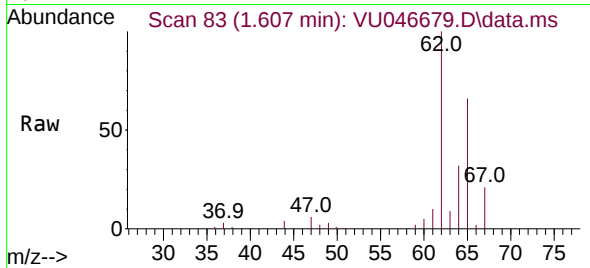
Tgt Ion: 50 Resp: 48979
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.0 42.8



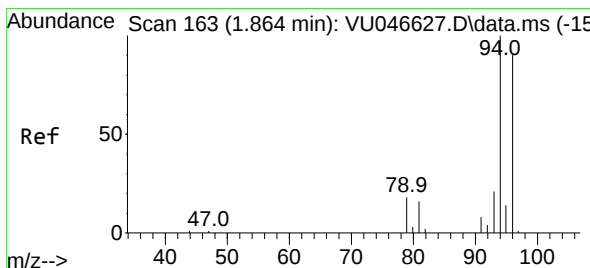
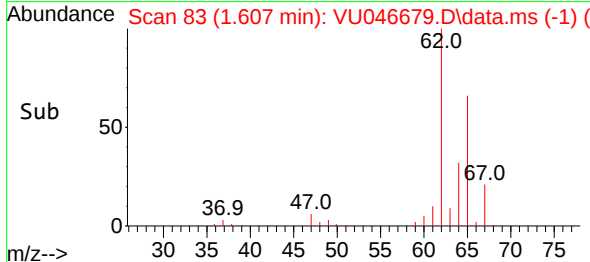
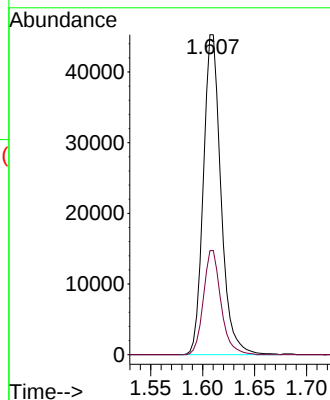


#5
 Vinyl chloride
 Concen: 4.332 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU046679.D
 Acq: 06 Jan 2022 11:29

Instrument :
 MSVOA_U
 ClientSampleId :

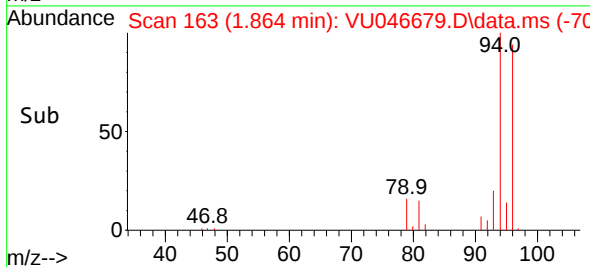
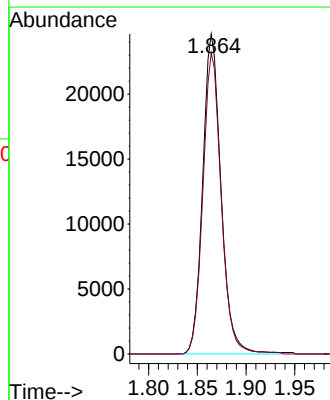
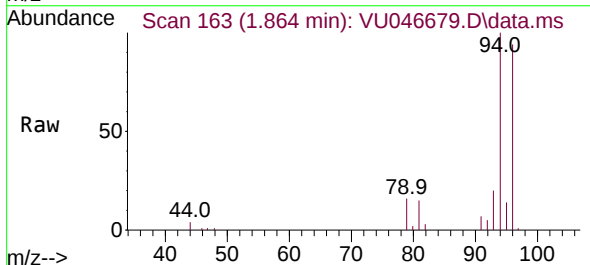


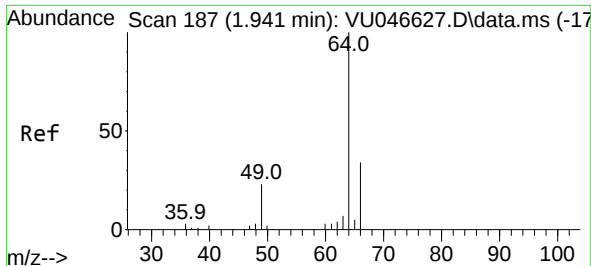
Tgt Ion: 62 Resp: 53264
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.9 42.5



#6
 Bromomethane
 Concen: 4.355 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU046679.D
 Acq: 06 Jan 2022 11:29

Tgt Ion: 94 Resp: 32235
 Ion Ratio Lower Upper
 94 100
 96 94.1 65.5 121.6

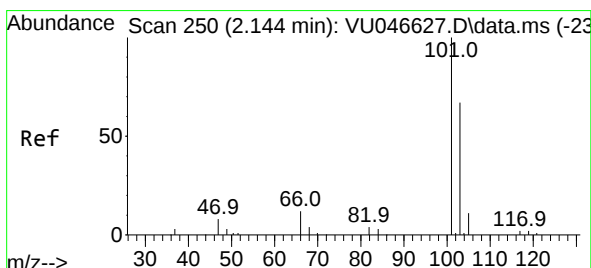
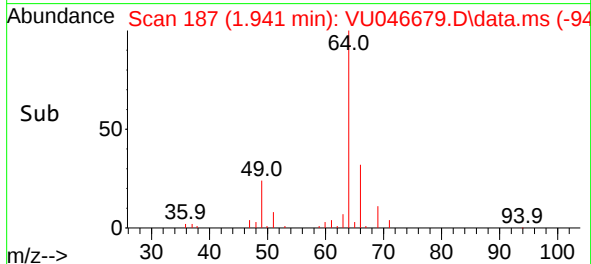
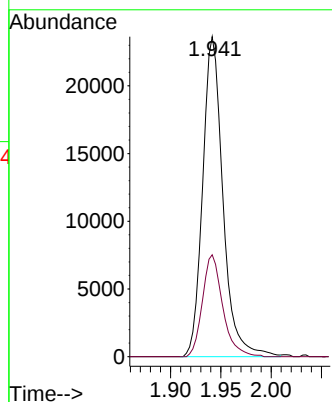
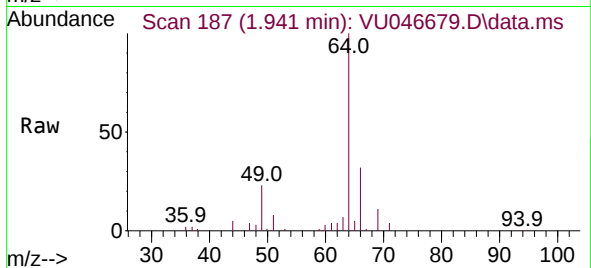




#8
Chloroethane
Concen: 4.592 ug/L
RT: 1.941 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046679.D
Acq: 06 Jan 2022 11:29

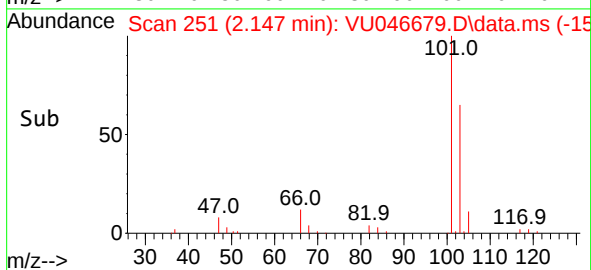
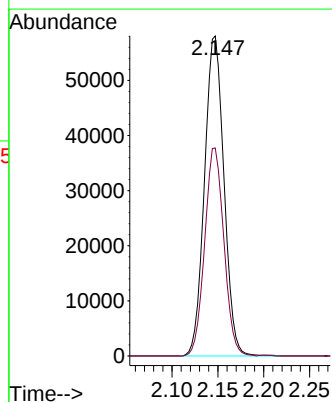
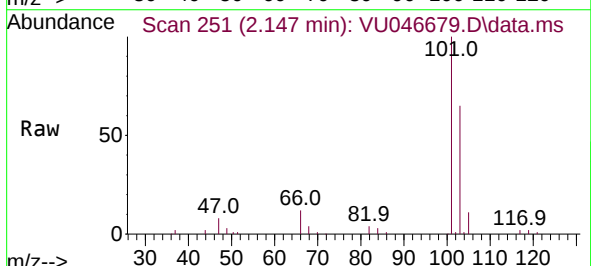
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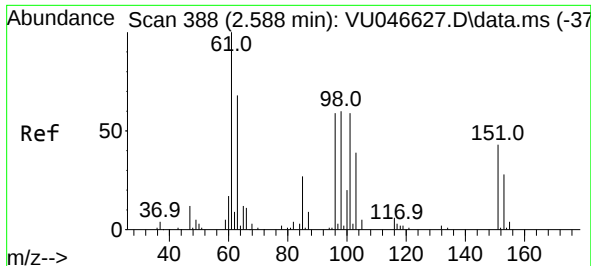
Tgt Ion: 64 Resp: 33147
Ion Ratio Lower Upper
64 100
66 31.8 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.331 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.003 min
Lab File: VU046679.D
Acq: 06 Jan 2022 11:29

Tgt Ion:101 Resp: 85746
Ion Ratio Lower Upper
101 100
103 64.2 51.5 77.3

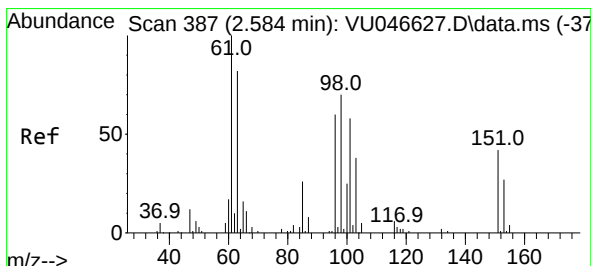
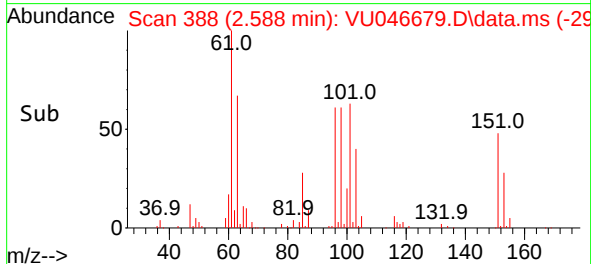
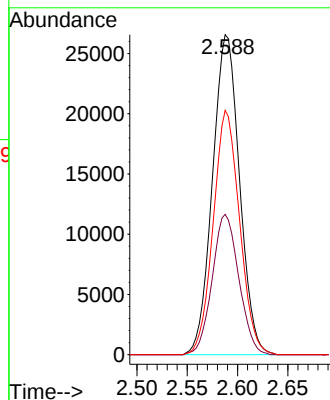
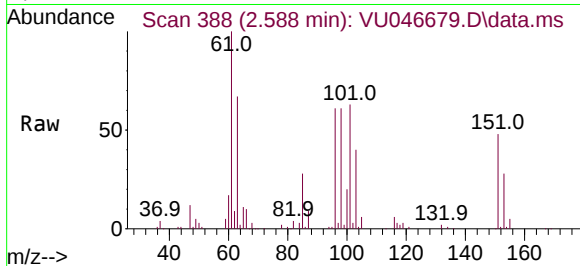




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 6.058 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU046679.D
 Acq: 06 Jan 2022 11:29

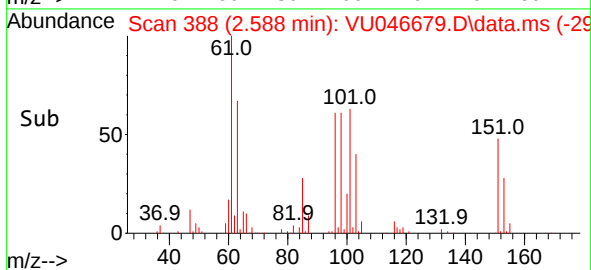
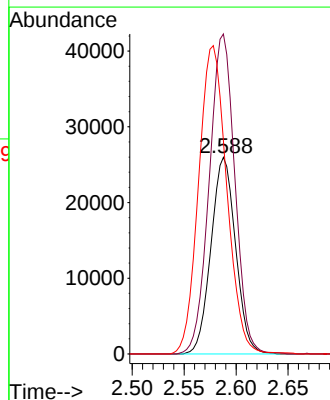
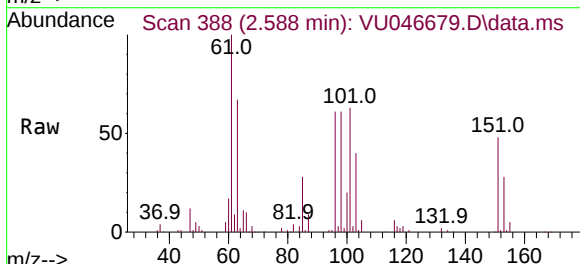
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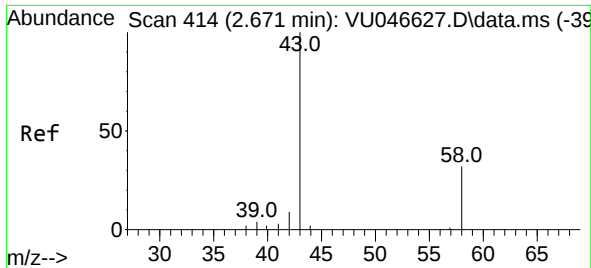
Tgt Ion:101 Resp: 49603
 Ion Ratio Lower Upper
 101 100
 85 43.2 34.6 51.8
 151 74.6 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 5.125 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.003 min
 Lab File: VU046679.D
 Acq: 06 Jan 2022 11:29

Tgt Ion: 96 Resp: 42725
 Ion Ratio Lower Upper
 96 100
 61 162.8 124.7 231.5
 63 108.5 105.2 195.4





#13

Acetone

Concen: 63.211 ug/L

RT: 2.681 min Scan# 41

Delta R.T. 0.010 min

Lab File: VU046679.D

Acq: 06 Jan 2022 11:29

Instrument :

MSVOA_U

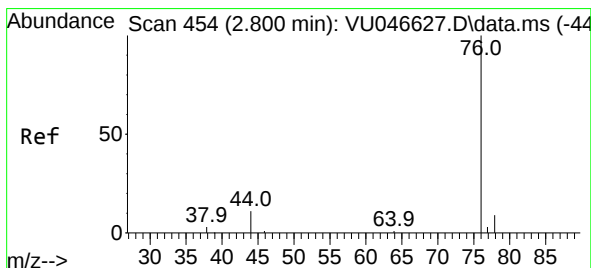
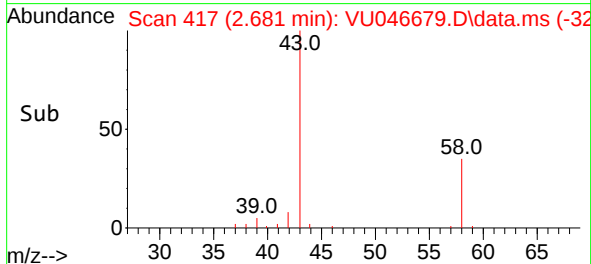
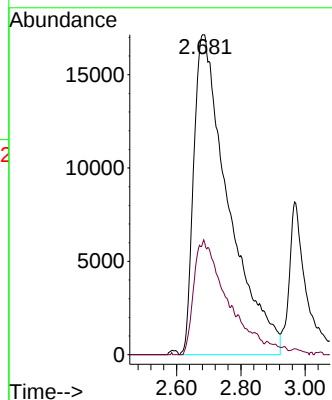
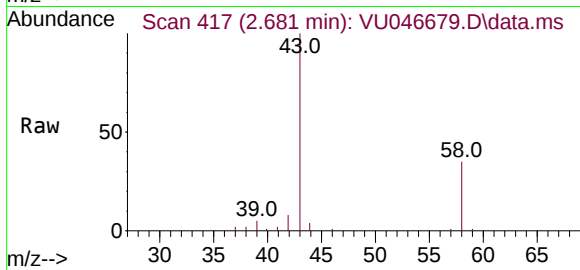
ClientSampleId :

Tgt Ion: 43 Resp: 128332

Ion Ratio Lower Upper

43 100

58 27.0 0.0 71.6



#14

Carbon disulfide

Concen: 3.548 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU046679.D

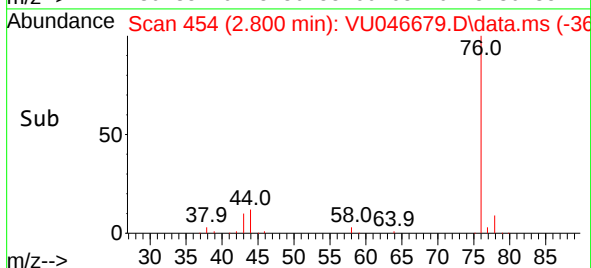
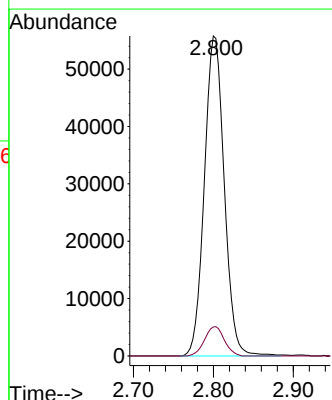
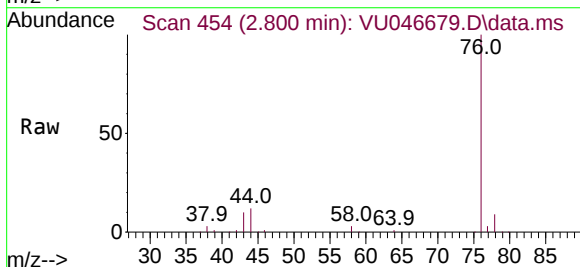
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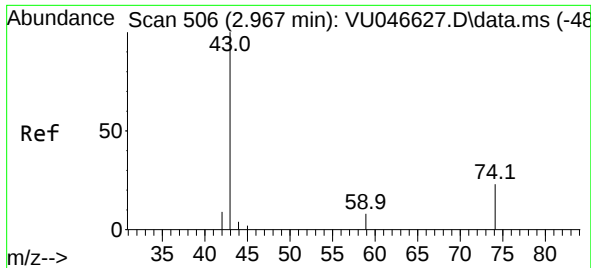
Tgt Ion: 76 Resp: 96618

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

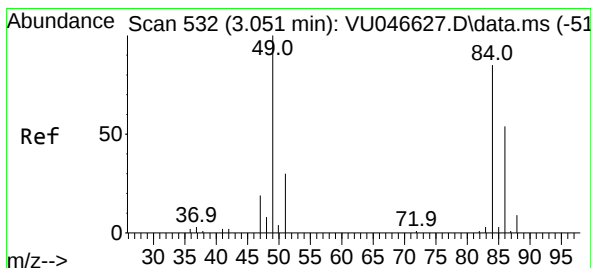
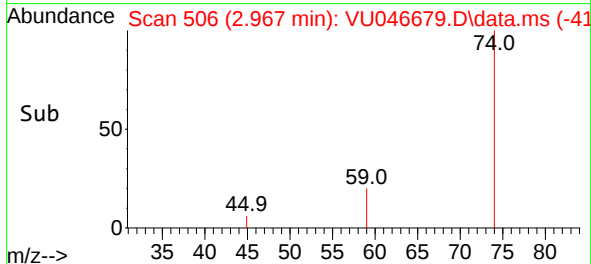
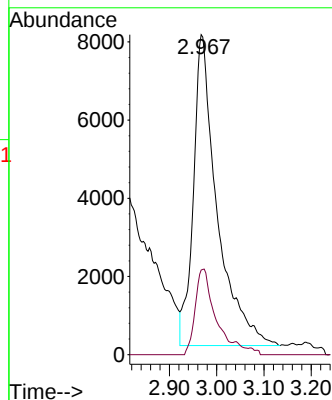
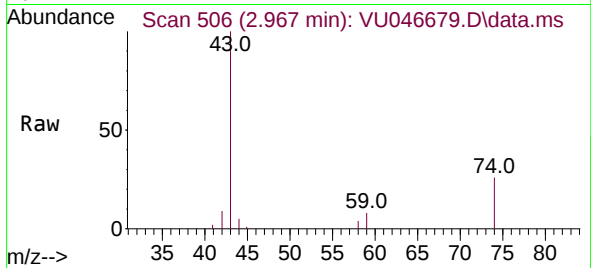




#15
Methyl Acetate
Concen: 6.750 ug/L
RT: 2.967 min Scan# 506
Delta R.T. 0.000 min
Lab File: VU046679.D
Acq: 06 Jan 2022 11:29

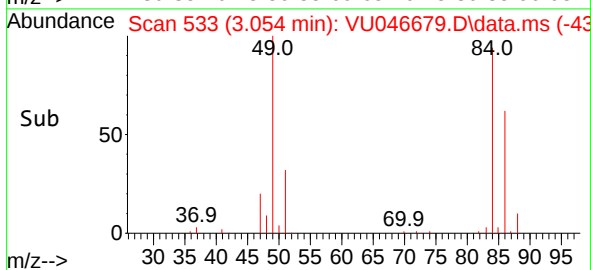
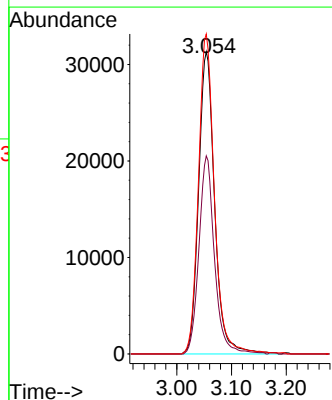
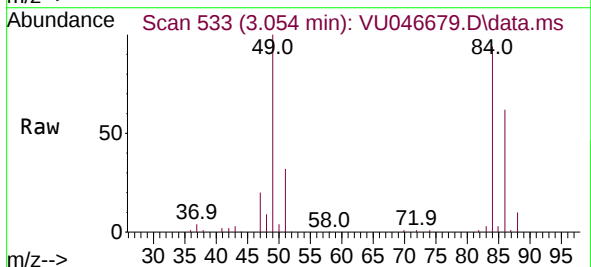
Instrument :
MSVOA_U
ClientSampleId :

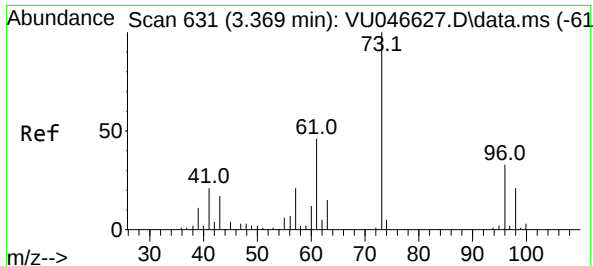
Tgt Ion: 43 Resp: 27680
Ion Ratio Lower Upper
43 100
74 22.5 19.1 28.7



#16
Methylene chloride
Concen: 6.275 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU046679.D
Acq: 06 Jan 2022 11:29

Tgt Ion: 84 Resp: 63660
Ion Ratio Lower Upper
84 100
86 65.5 45.8 85.0
49 105.8 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 5.617 ug/L

RT: 3.369 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU046679.D

Acq: 06 Jan 2022 11:29

Instrument :

MSVOA_U

ClientSampleId :

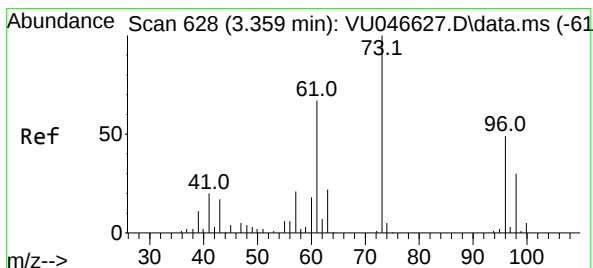
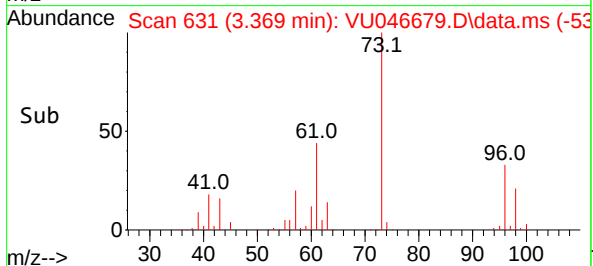
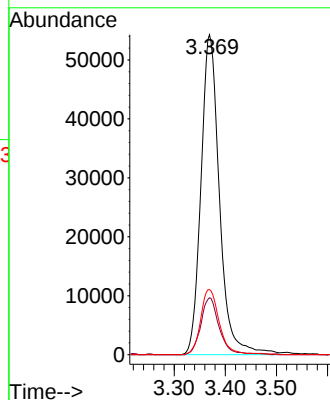
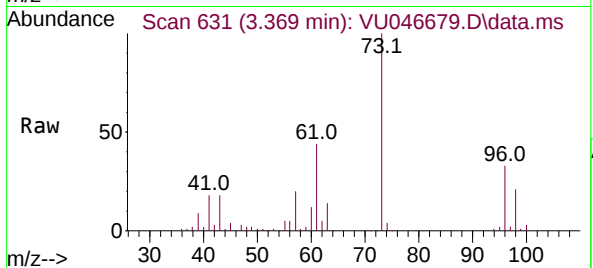
Tgt Ion: 73 Resp: 136610

Ion Ratio Lower Upper

73 100

43 17.6 14.8 22.2

57 20.3 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 5.011 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.000 min

Lab File: VU046679.D

Acq: 06 Jan 2022 11:29

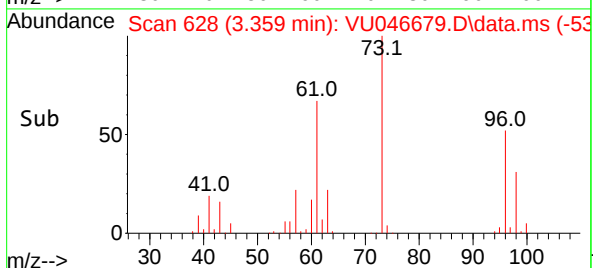
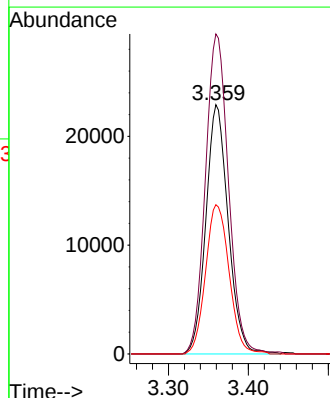
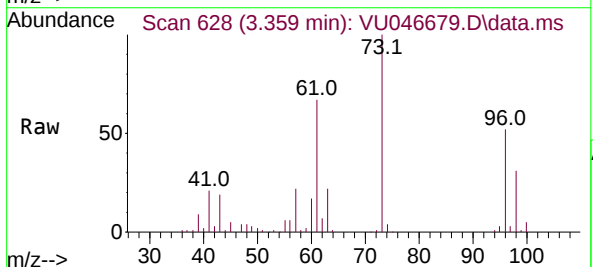
Tgt Ion: 96 Resp: 44567

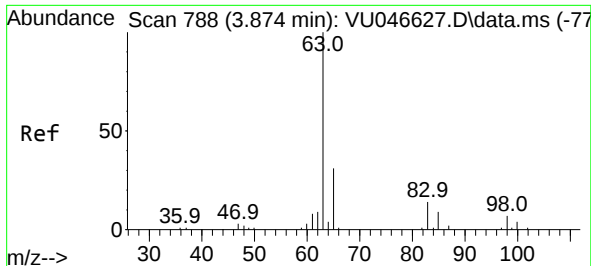
Ion Ratio Lower Upper

96 100

61 128.4 100.8 187.2

98 59.9 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.417 ug/L

RT: 3.877 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU046679.D

Acq: 06 Jan 2022 11:29

Instrument :

MSVOA_U

ClientSampleId :

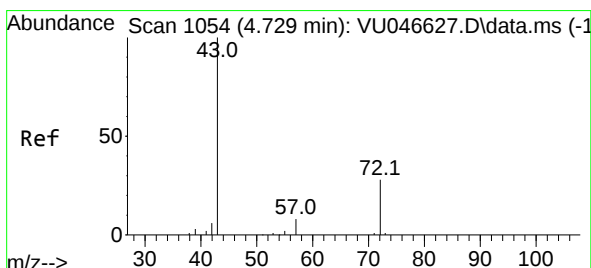
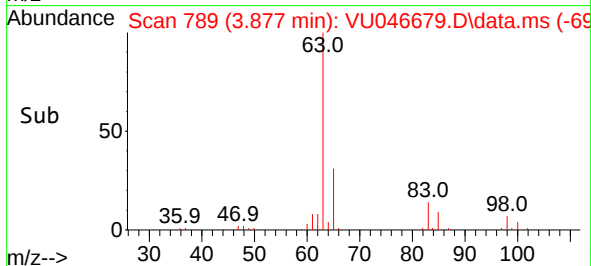
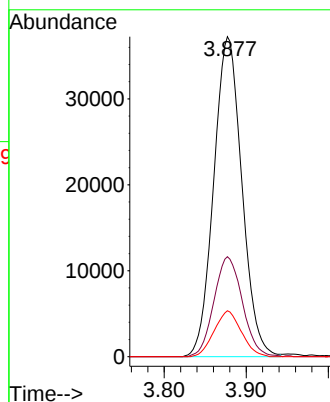
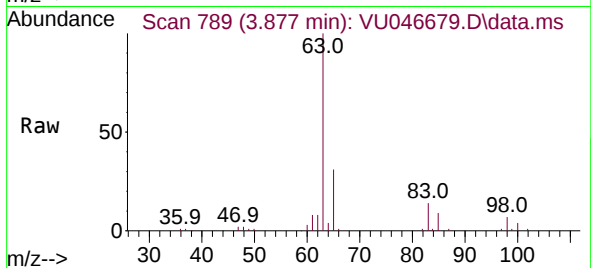
Tgt Ion: 63 Resp: 88760

Ion Ratio Lower Upper

63 100

65 31.2 22.3 41.5

83 14.4 9.6 17.8



#21

2-Butanone

Concen: 61.902 ug/L

RT: 4.732 min Scan# 1055

Delta R.T. 0.003 min

Lab File: VU046679.D

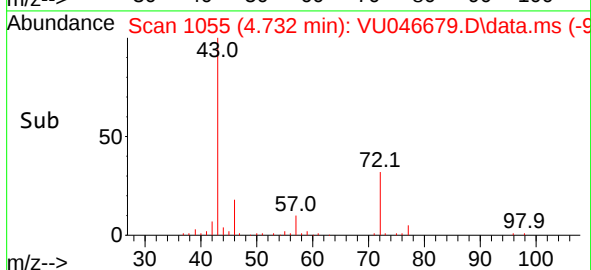
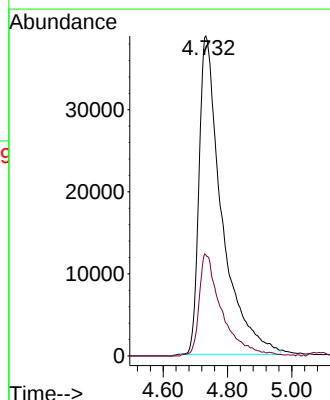
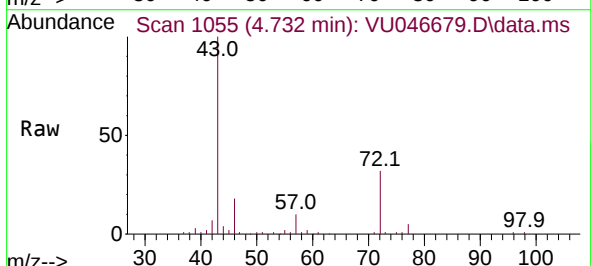
Acq: 06 Jan 2022 11:29

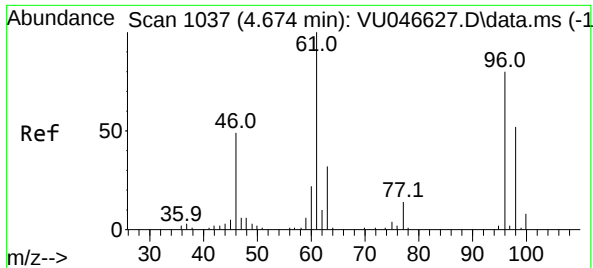
Tgt Ion: 43 Resp: 190672

Ion Ratio Lower Upper

43 100

72 31.3 14.1 42.3





#22

cis-1,2-Dichloroethene

Concen: 5.525 ug/L

RT: 4.671 min Scan# 1037

Delta R.T. -0.003 min

Lab File: VU046679.D

Acq: 06 Jan 2022 11:29

Instrument :

MSVOA_U

ClientSampleId :

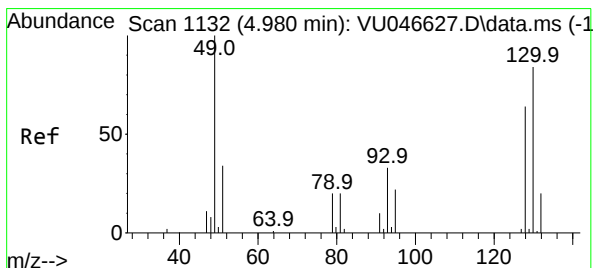
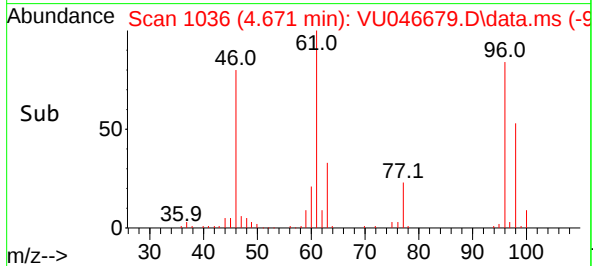
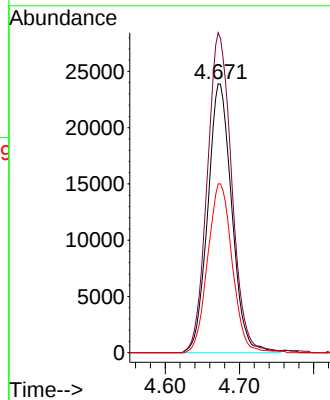
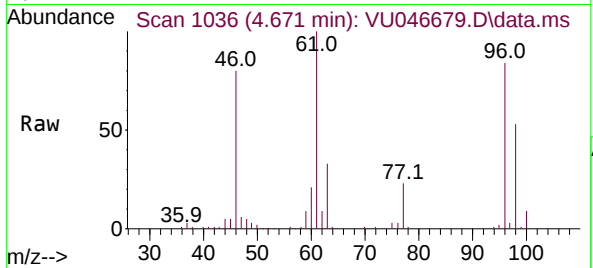
Tgt Ion: 96 Resp: 53711

Ion Ratio Lower Upper

96 100

61 119.0 88.5 164.3

98 62.8 44.4 82.5



#23

Bromochloromethane

Concen: 5.533 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU046679.D

Acq: 06 Jan 2022 11:29

Tgt Ion:128 Resp: 26772

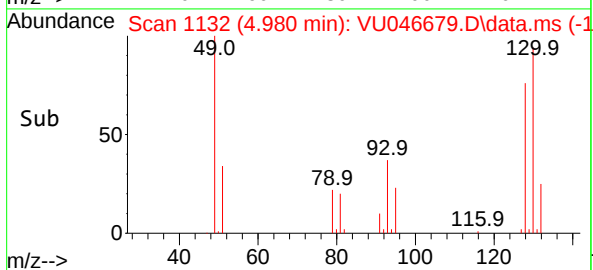
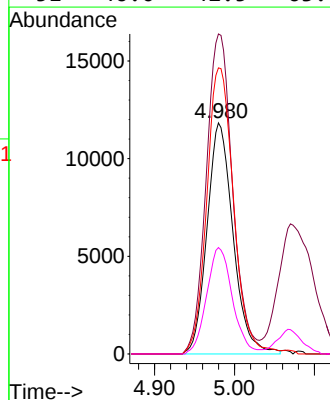
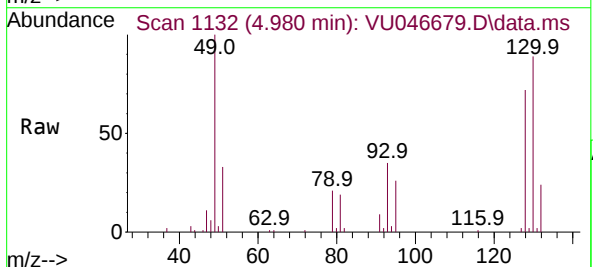
Ion Ratio Lower Upper

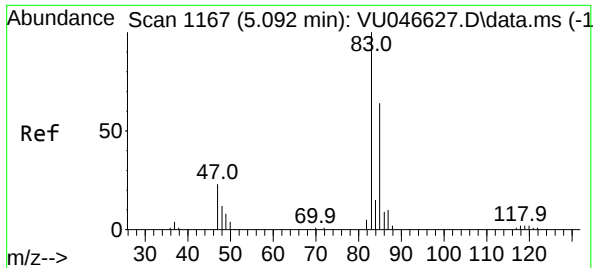
128 100

49 138.5 117.0 217.2

130 123.9 88.2 163.8

51 46.0 42.5 63.7





#25

Chloroform

Concen: 5.719 ug/L

RT: 5.096 min Scan# 1167

Delta R.T. 0.003 min

Lab File: VU046679.D

Acq: 06 Jan 2022 11:29

Instrument :

MSVOA_U

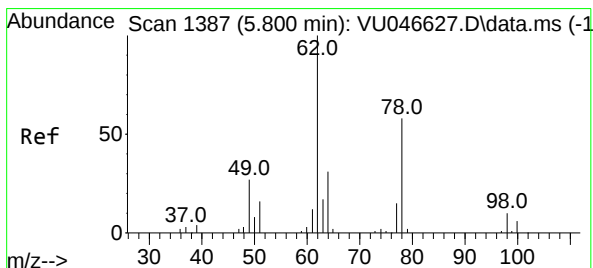
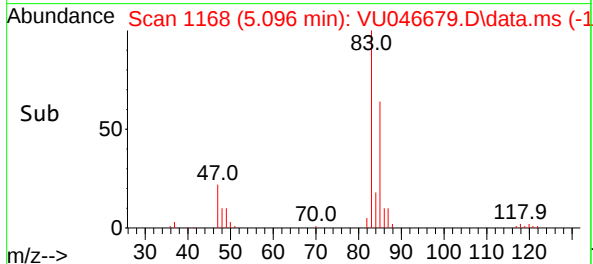
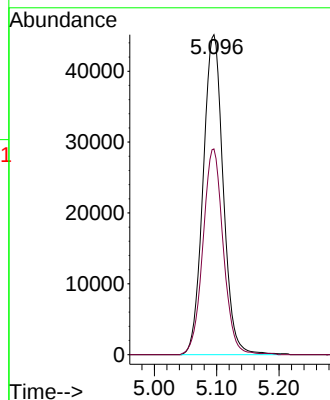
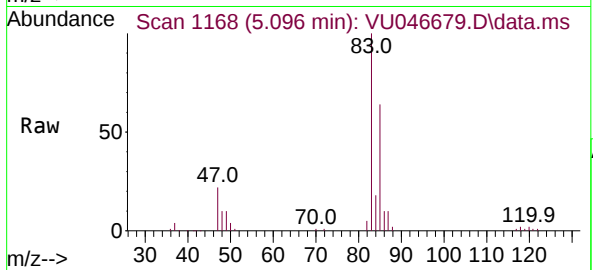
ClientSampleId :

Tgt Ion: 83 Resp: 101222

Ion Ratio Lower Upper

83 100

85 64.3 46.9 87.1



#27

1,2-Dichloroethane

Concen: 5.179 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VU046679.D

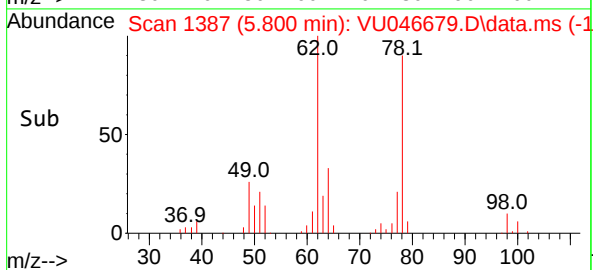
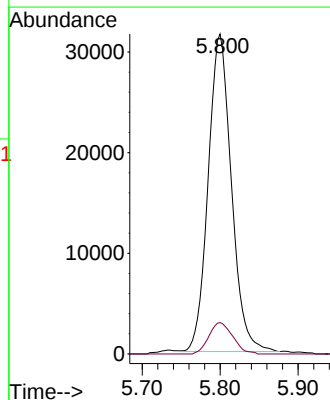
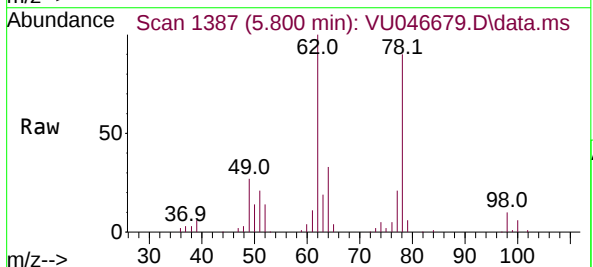
Acq: 06 Jan 2022 11:29

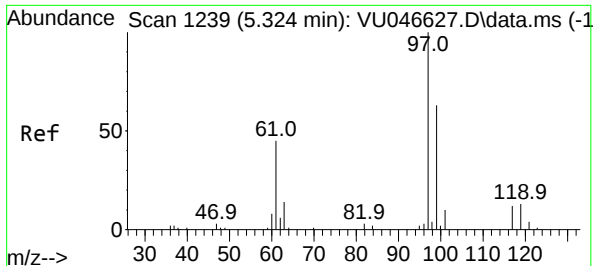
Tgt Ion: 62 Resp: 65434

Ion Ratio Lower Upper

62 100

98 9.8 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.227 ug/L

RT: 5.321 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU046679.D

Acq: 06 Jan 2022 11:29

Instrument :

MSVOA_U

ClientSampleId :

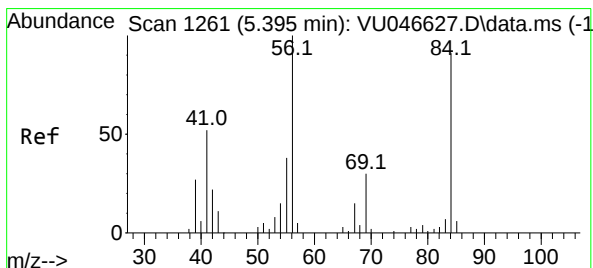
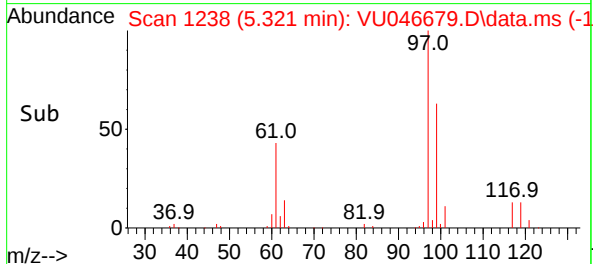
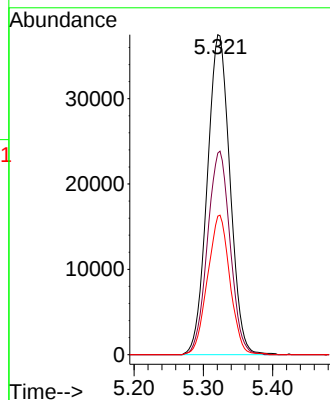
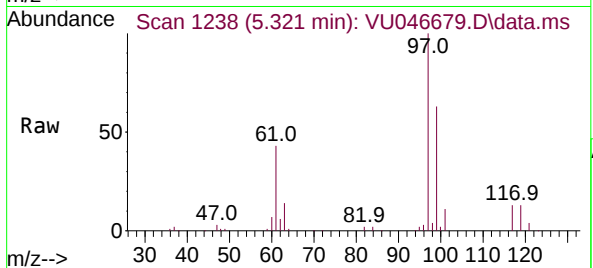
Tgt Ion: 97 Resp: 85378

Ion Ratio Lower Upper

97 100

99 63.5 51.3 76.9

61 42.8 36.1 54.1



#30

Cyclohexane

Concen: 4.775 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU046679.D

Acq: 06 Jan 2022 11:29

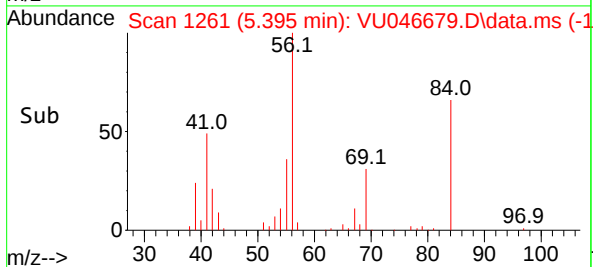
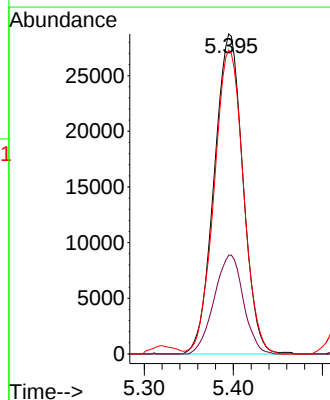
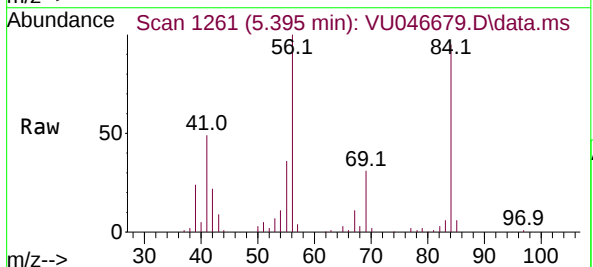
Tgt Ion: 56 Resp: 64508

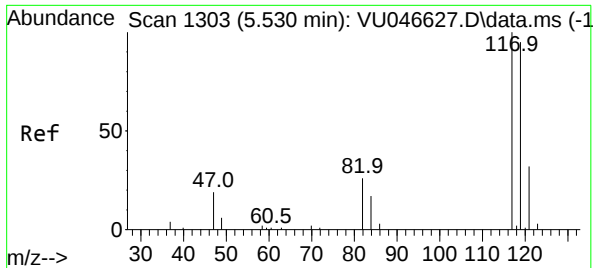
Ion Ratio Lower Upper

56 100

69 31.4 24.7 37.1

84 96.6 71.8 107.6

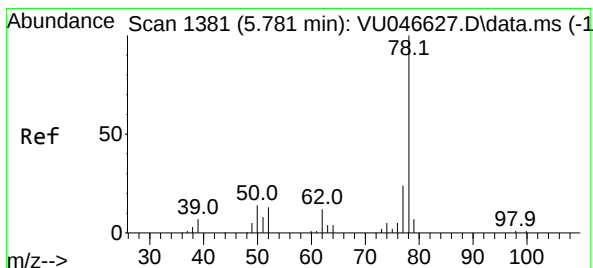
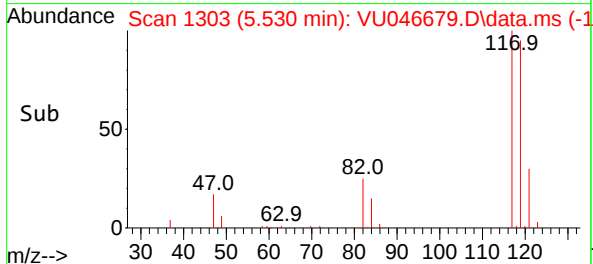
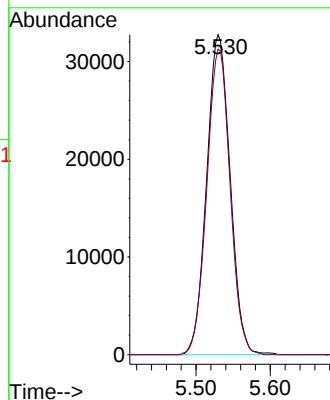
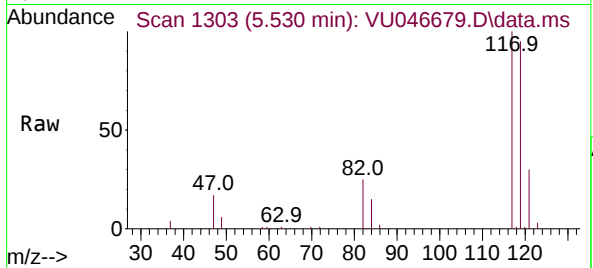




#31
Carbon tetrachloride
Concen: 5.253 ug/L
RT: 5.530 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046679.D
Acq: 06 Jan 2022 11:29

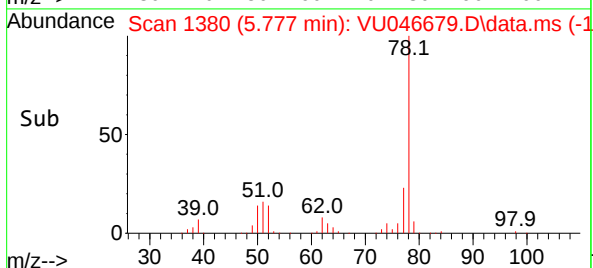
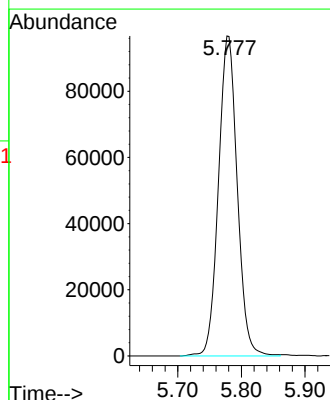
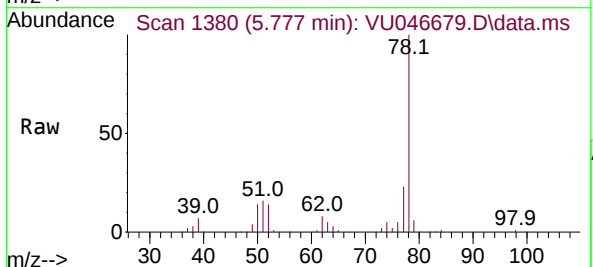
Instrument :
MSVOA_U
ClientSampleId :

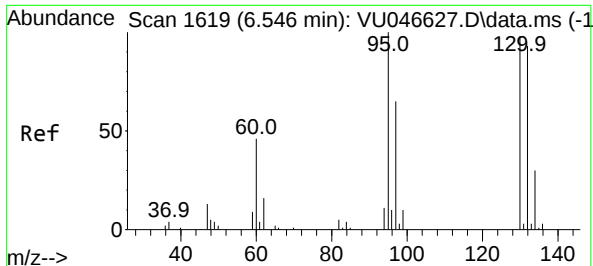
Tgt Ion:117 Resp: 71993
Ion Ratio Lower Upper
117 100
119 94.8 77.5 116.3



#33
Benzene
Concen: 5.055 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU046679.D
Acq: 06 Jan 2022 11:29

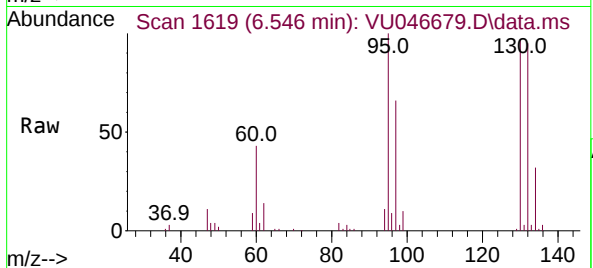
Tgt Ion: 78 Resp: 198379





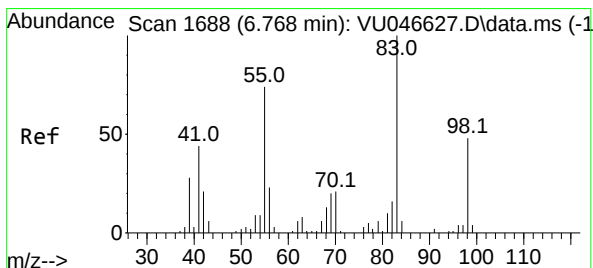
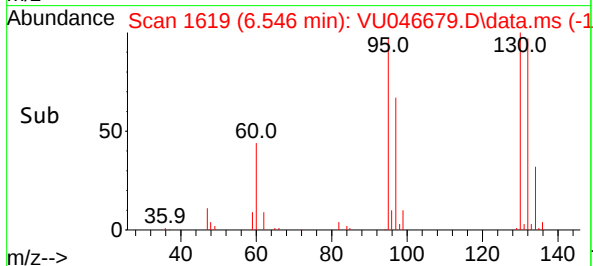
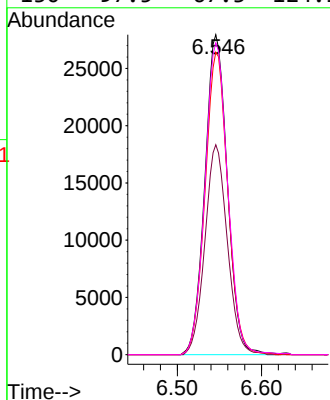
#34
Trichloroethene
Concen: 5.024 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046679.D
Acq: 06 Jan 2022 11:29

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 51981

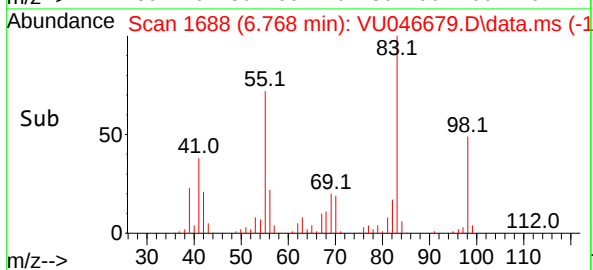
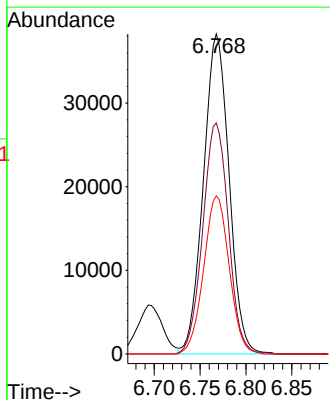
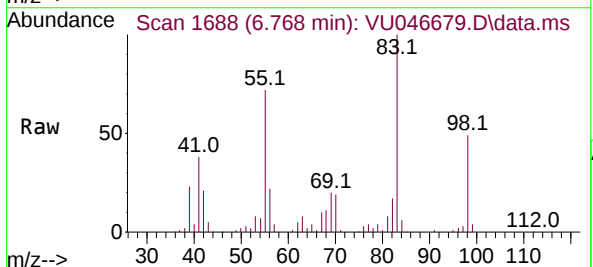
Ion	Ratio	Lower	Upper
95	100		
97	65.6	46.5	86.5
132	94.6	65.1	120.9
130	97.5	67.3	124.9

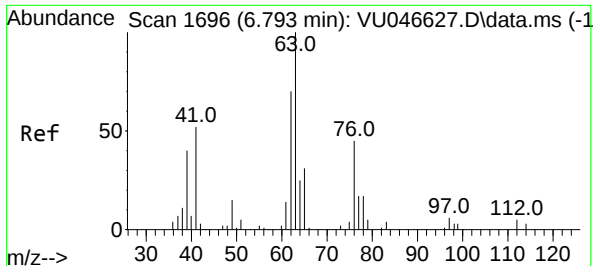


#35
Methylcyclohexane
Concen: 5.113 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU046679.D
Acq: 06 Jan 2022 11:29

Tgt Ion: 83 Resp: 74576

Ion	Ratio	Lower	Upper
83	100		
55	71.9	61.9	92.9
98	49.2	39.0	58.6





#37

1,2-Dichloropropane

Concen: 5.287 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU046679.D

Acq: 06 Jan 2022 11:29

Instrument :

MSVOA_U

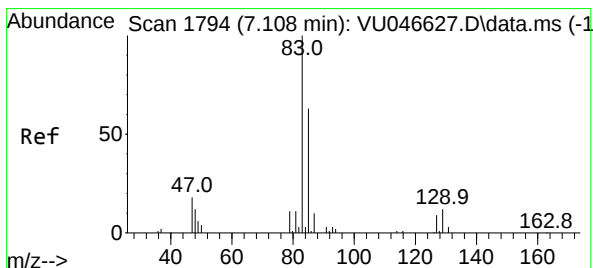
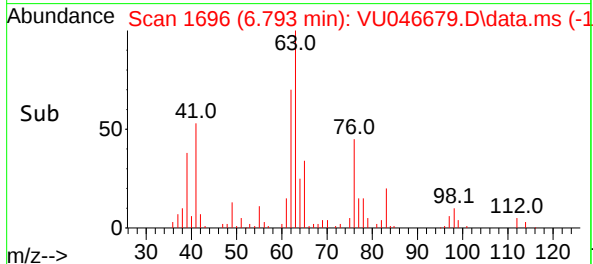
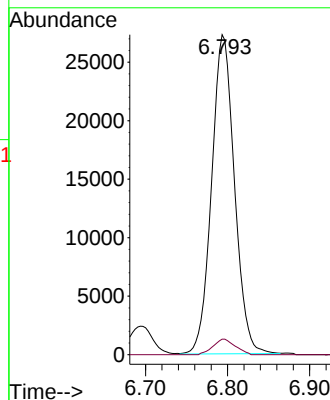
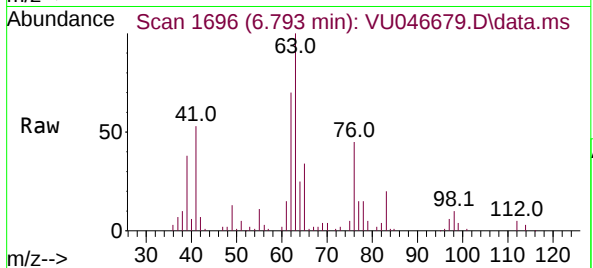
ClientSampleId :

Tgt Ion: 63 Resp: 52924

Ion Ratio Lower Upper

63 100

112 4.7 3.2 4.8



#38

Bromodichloromethane

Concen: 5.381 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU046679.D

Acq: 06 Jan 2022 11:29

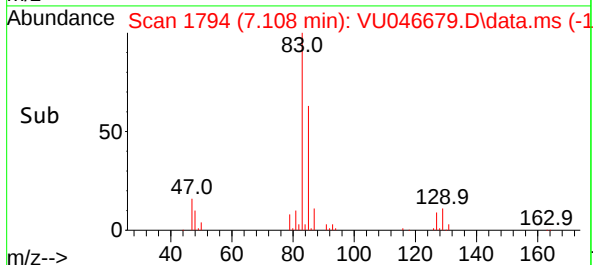
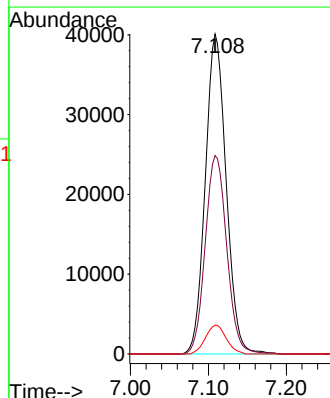
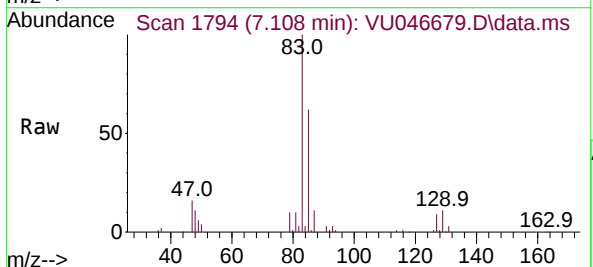
Tgt Ion: 83 Resp: 74555

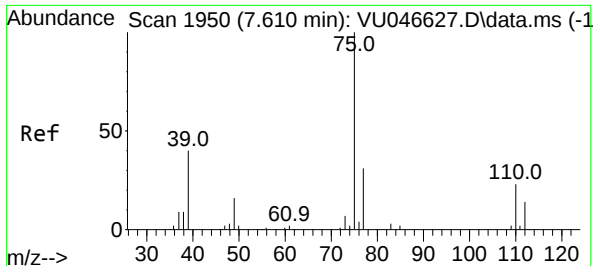
Ion Ratio Lower Upper

83 100

85 62.0 44.0 81.8

127 9.0 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.210 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU046679.D

Acq: 06 Jan 2022 11:29

Instrument :

MSVOA_U

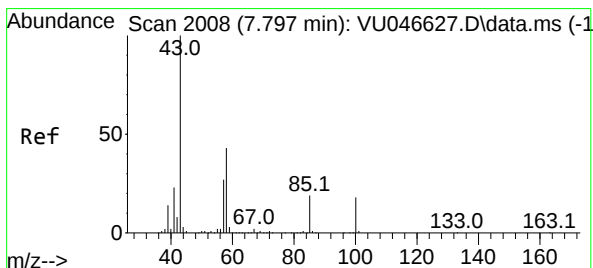
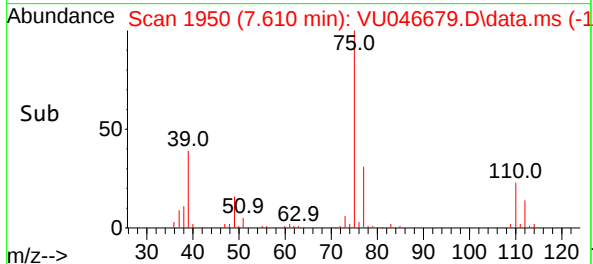
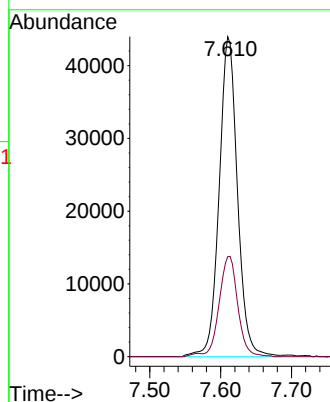
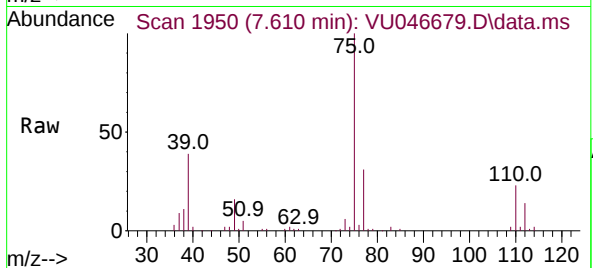
ClientSampleId :

Tgt Ion: 75 Resp: 78951

Ion Ratio Lower Upper

75 100

77 31.2 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 55.810 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU046679.D

Acq: 06 Jan 2022 11:29

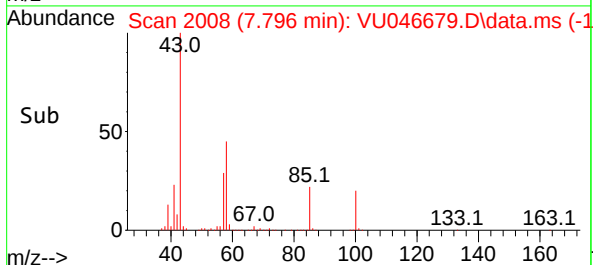
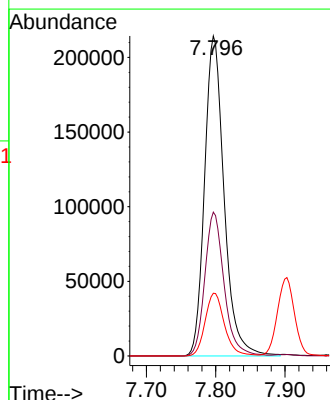
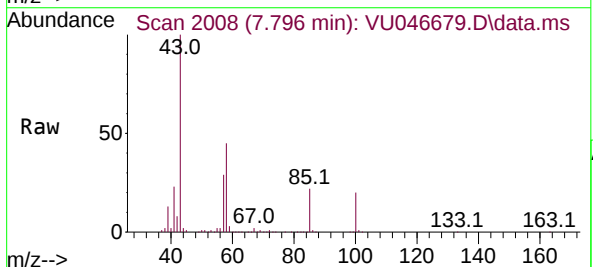
Tgt Ion: 43 Resp: 419385

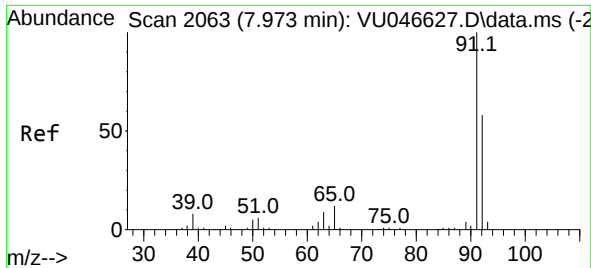
Ion Ratio Lower Upper

43 100

58 44.4 33.1 49.7

100 19.4 13.2 19.8





#42

Toluene

Concen: 5.430 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VU046679.D

Acq: 06 Jan 2022 11:29

Instrument :

MSVOA_U

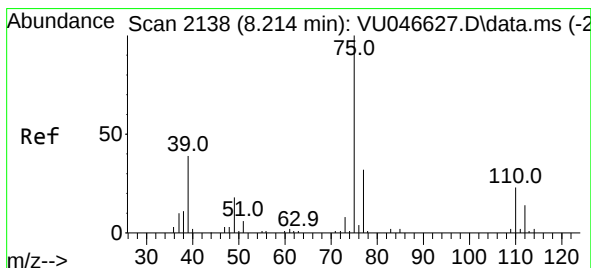
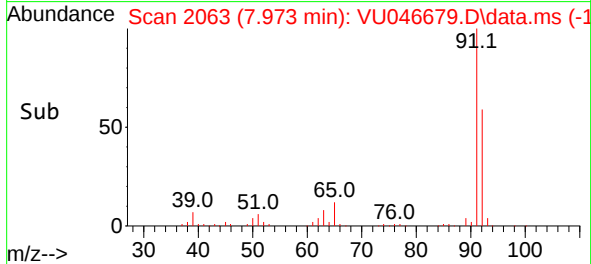
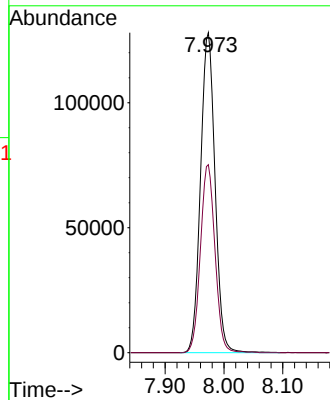
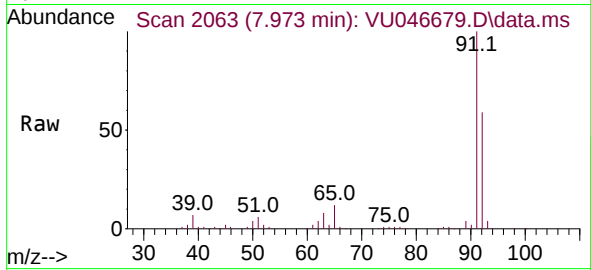
ClientSampleId :

Tgt Ion: 91 Resp: 218717

Ion Ratio Lower Upper

91 100

92 58.8 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 5.287 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. -0.000 min

Lab File: VU046679.D

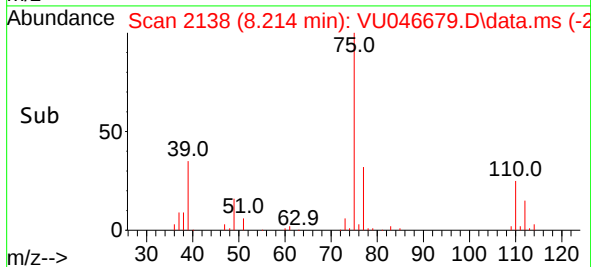
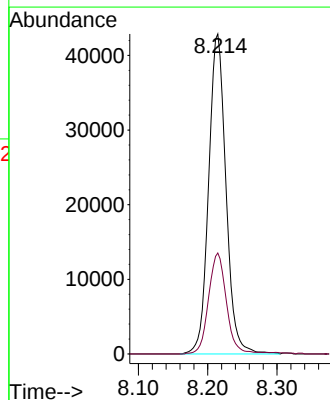
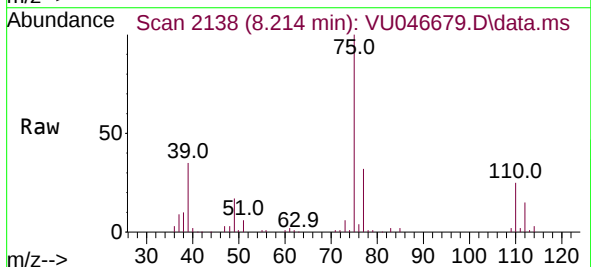
Acq: 06 Jan 2022 11:29

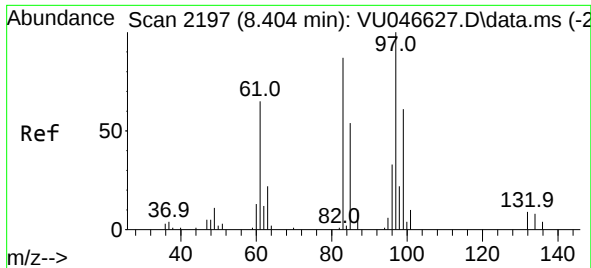
Tgt Ion: 75 Resp: 74250

Ion Ratio Lower Upper

75 100

77 31.6 22.7 42.3

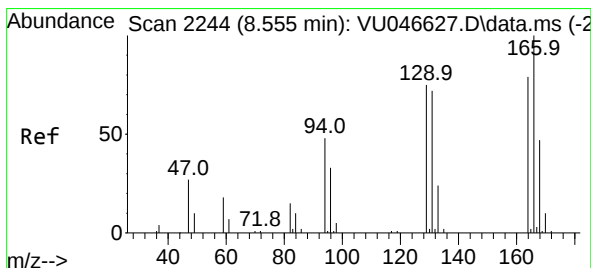
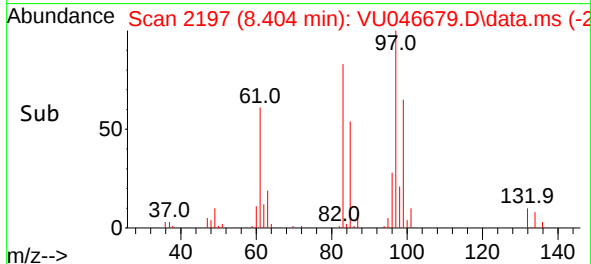
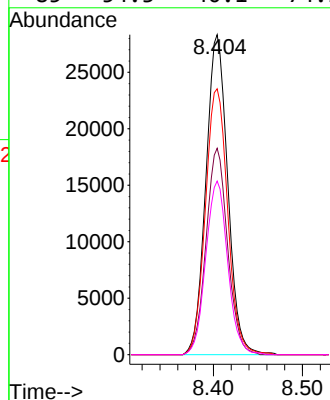
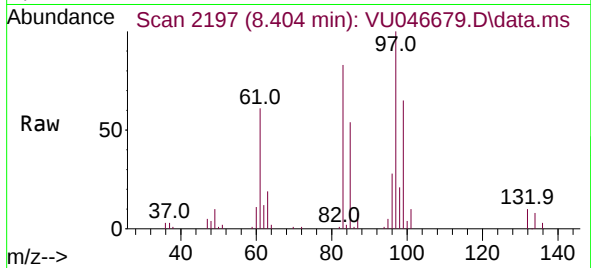




#45
1,1,2-Trichloroethane
Concen: 5.586 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU046679.D
Acq: 06 Jan 2022 11:29

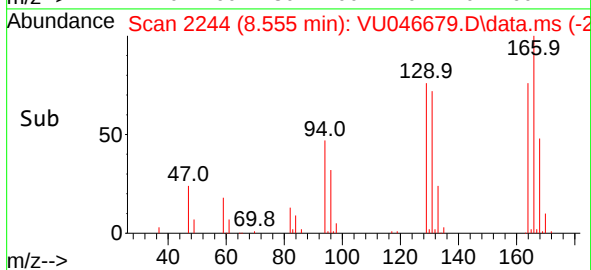
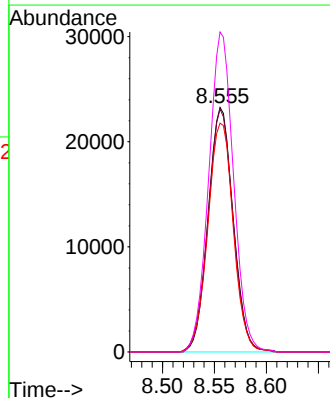
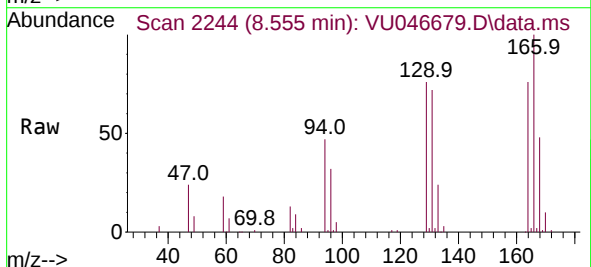
Instrument :
MSVOA_U
ClientSampleId :

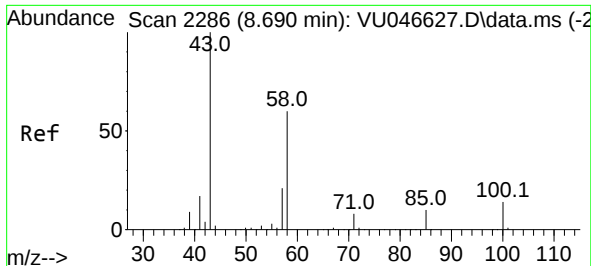
Tgt Ion: 97	Resp: 48227
Ion Ratio	Lower Upper
97 100	
99 64.5	42.3 78.5
83 83.1	62.0 115.2
85 54.3	40.1 74.5



#47
Tetrachloroethene
Concen: 5.328 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046679.D
Acq: 06 Jan 2022 11:29

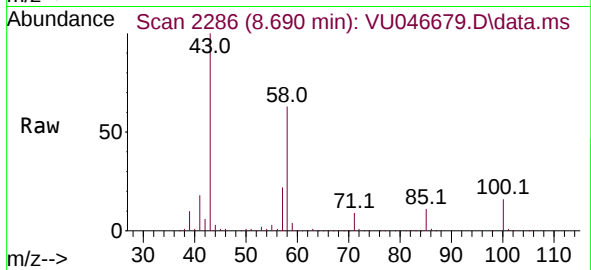
Tgt	Ion:164	Resp:	39007
Ion	Ratio	Lower	Upper
164	100		
129	99.4	71.8	133.4
131	93.6	68.5	127.3
166	130.9	94.1	174.8



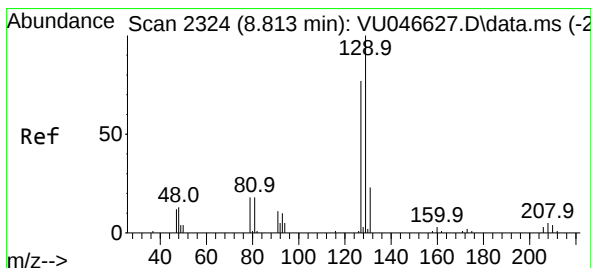
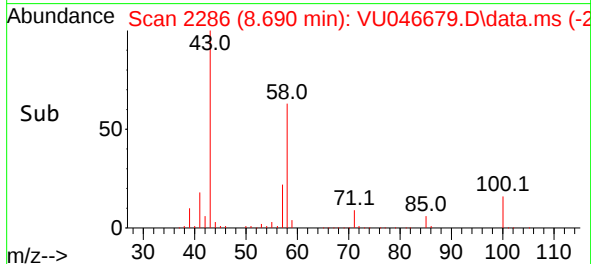
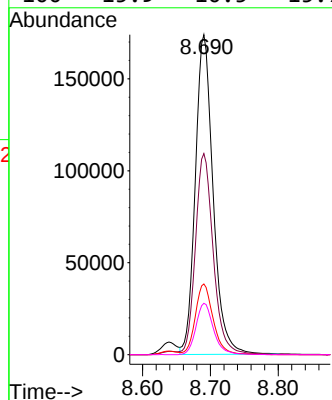


#48
2-Hexanone
Concen: 56.562 ug/L
RT: 8.690 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046679.D
Acq: 06 Jan 2022 11:29

Instrument :
MSVOA_U
ClientSampleId :

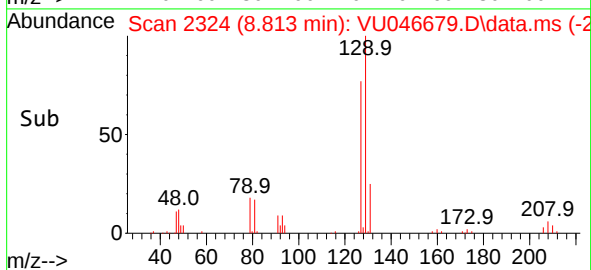
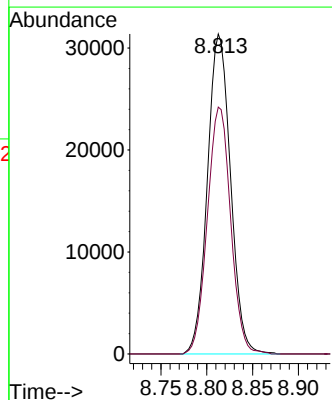
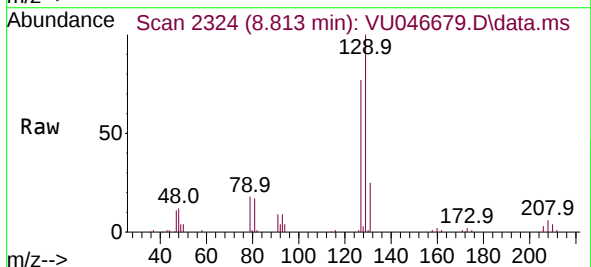


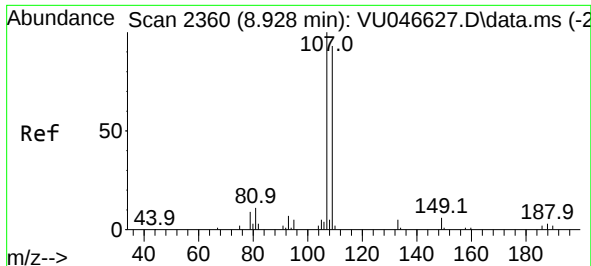
Tgt Ion:	43	Resp:	317423
Ion	Ratio	Lower	Upper
43	100		
58	62.5	46.7	70.1
57	22.2	16.3	24.5
100	15.9	10.5	15.7



#49
Dibromochloromethane
Concen: 5.531 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU046679.D
Acq: 06 Jan 2022 11:29

Tgt Ion:	129	Resp:	55076
Ion	Ratio	Lower	Upper
129	100		
127	77.2	55.4	102.8





#50

1,2-Dibromoethane

Concen: 5.334 ug/L

RT: 8.928 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU046679.D

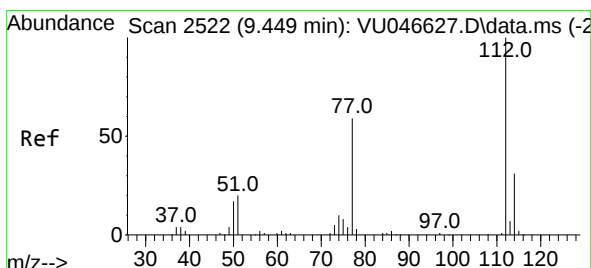
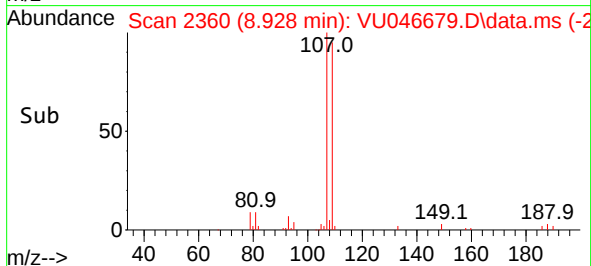
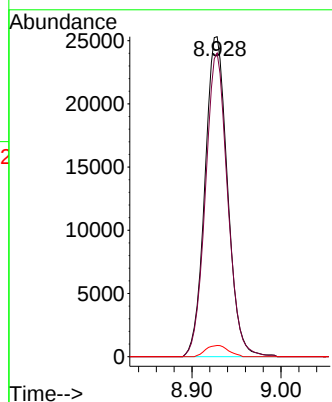
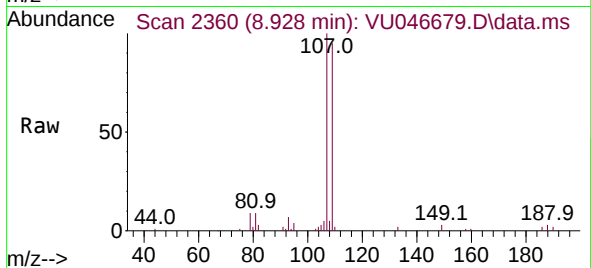
Acq: 06 Jan 2022 11:29

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	44447
Ion Ratio	Lower	Upper
107	100	
109	94.9	64.0 119.0
188	3.5	2.4 3.6



#51

Chlorobenzene

Concen: 5.597 ug/L

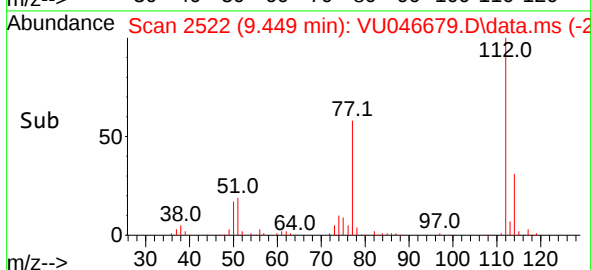
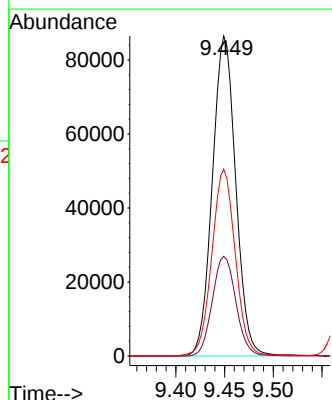
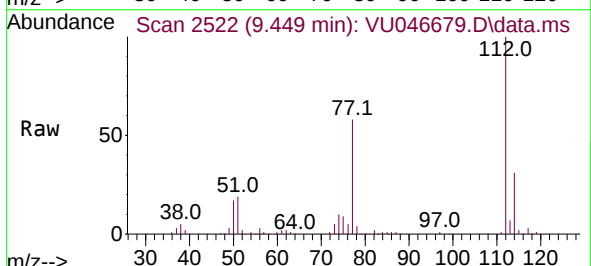
RT: 9.449 min Scan# 2522

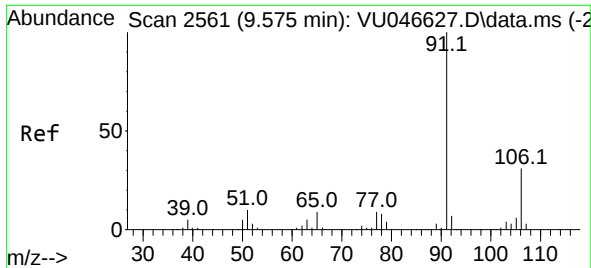
Delta R.T. -0.000 min

Lab File: VU046679.D

Acq: 06 Jan 2022 11:29

Tgt Ion:112	Resp:	144111
Ion Ratio	Lower	Upper
112	100	
114	31.2	22.1 41.1
77	58.4	48.3 72.5

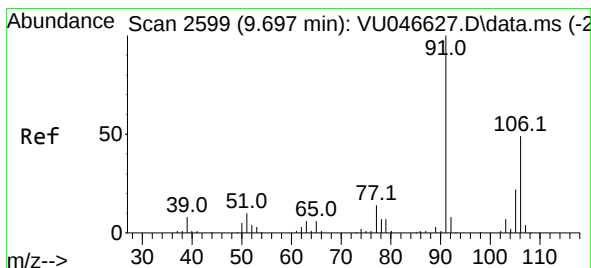
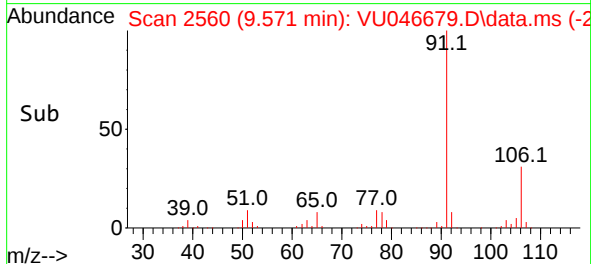
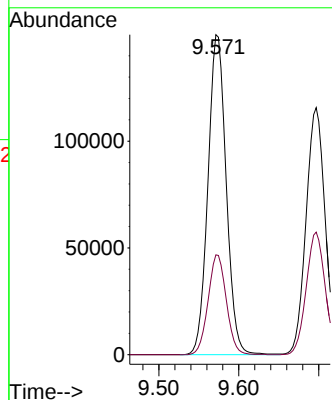
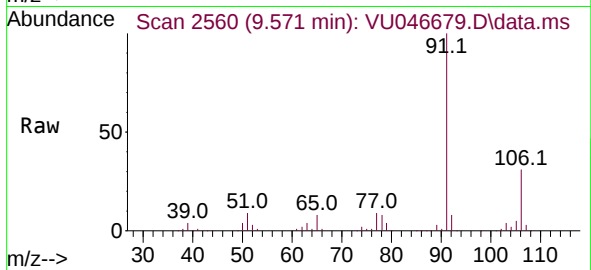




#52
Ethylbenzene
Concen: 5.714 ug/L
RT: 9.571 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU046679.D
Acq: 06 Jan 2022 11:29

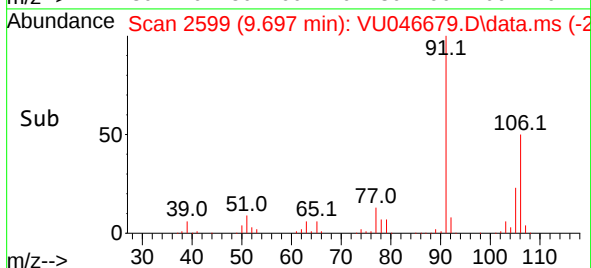
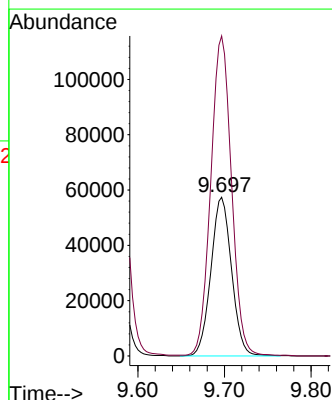
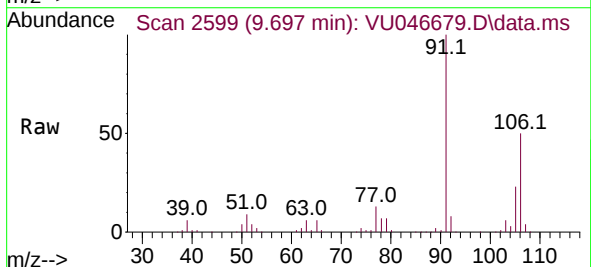
Instrument :
MSVOA_U
ClientSampleId :

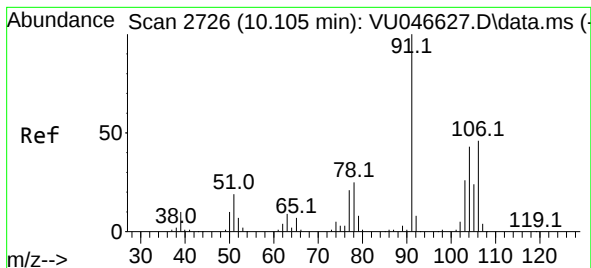
Tgt Ion: 91 Resp: 238266
Ion Ratio Lower Upper
91 100
106 31.2 21.5 39.9



#53
m,p-Xylene
Concen: 5.956 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU046679.D
Acq: 06 Jan 2022 11:29

Tgt Ion:106 Resp: 95130
Ion Ratio Lower Upper
106 100
91 201.7 139.4 259.0





#54

o-Xylene

Concen: 5.962 ug/L

RT: 10.102 min Scan# 2726

Delta R.T. -0.003 min

Lab File: VU046679.D

Acq: 06 Jan 2022 11:29

Instrument :

MSVOA_U

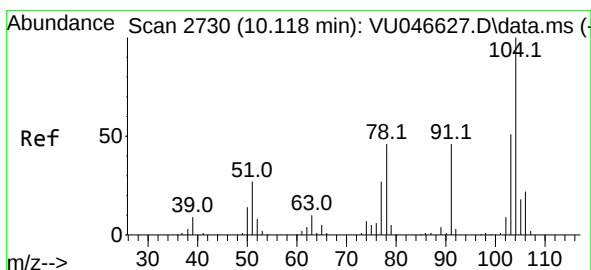
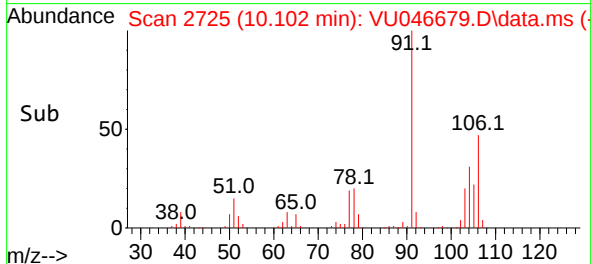
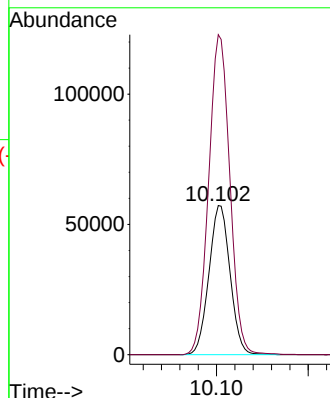
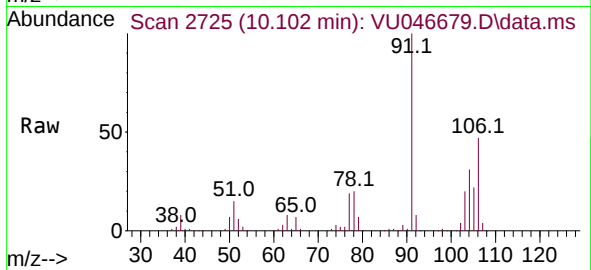
ClientSampleId :

Tgt Ion:106 Resp: 91513

Ion Ratio Lower Upper

106 100

91 214.6 147.5 273.9



#55

Styrene

Concen: 6.179 ug/L

RT: 10.118 min Scan# 2730

Delta R.T. -0.000 min

Lab File: VU046679.D

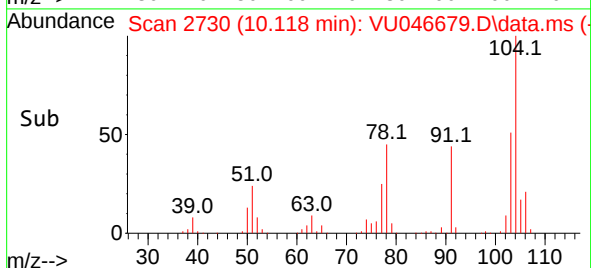
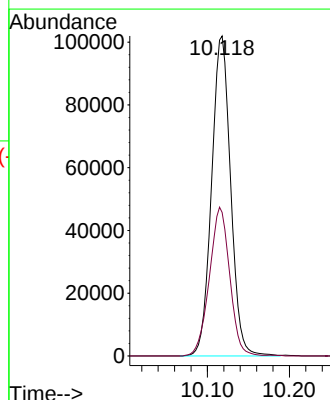
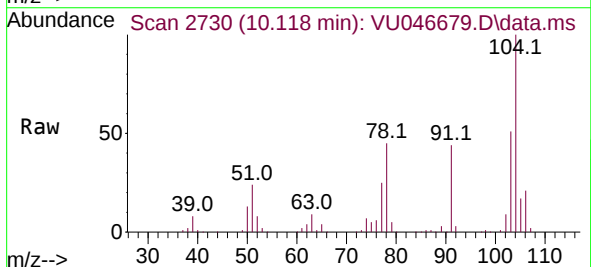
Acq: 06 Jan 2022 11:29

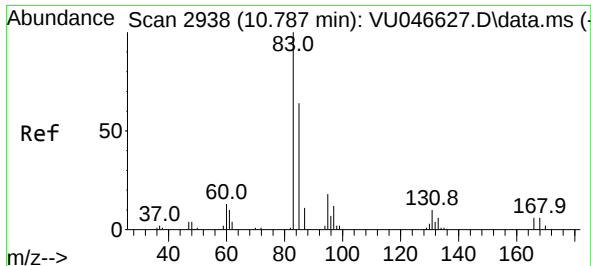
Tgt Ion:104 Resp: 164490

Ion Ratio Lower Upper

104 100

78 44.8 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.742 ug/L

RT: 10.784 min Scan# 2937

Delta R.T. -0.003 min

Lab File: VU046679.D

Acq: 06 Jan 2022 11:29

Instrument :

MSVOA_U

ClientSampleId :

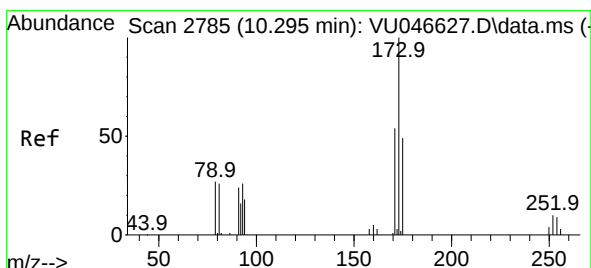
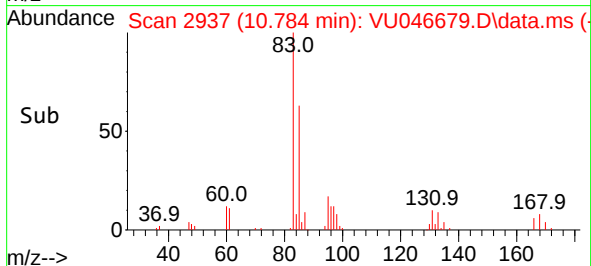
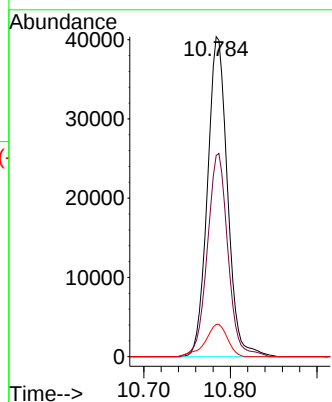
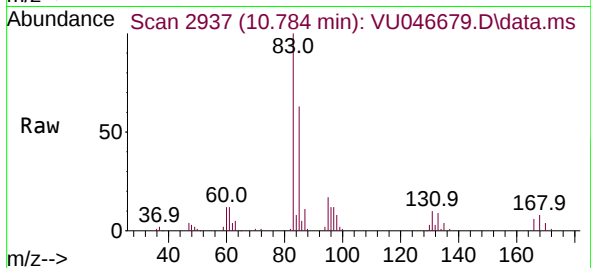
Tgt Ion: 83 Resp: 64775

Ion Ratio Lower Upper

83 100

85 62.9 47.9 89.1

131 10.1 8.1 12.1



#59

Bromoform

Concen: 5.367 ug/L

RT: 10.295 min Scan# 2785

Delta R.T. -0.000 min

Lab File: VU046679.D

Acq: 06 Jan 2022 11:29

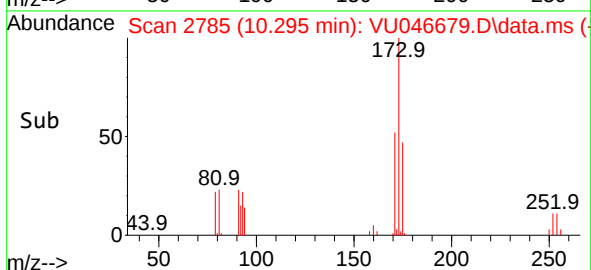
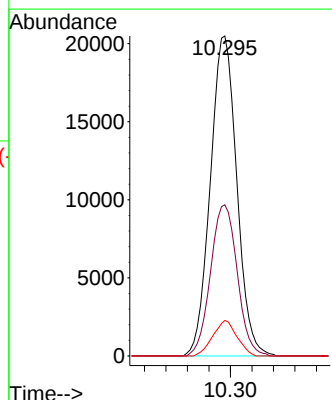
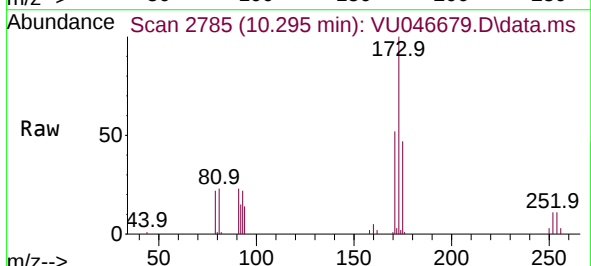
Tgt Ion:173 Resp: 34992

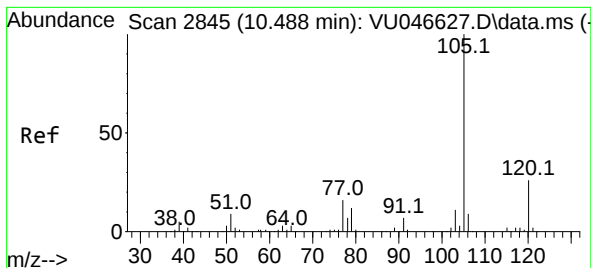
Ion Ratio Lower Upper

173 100

175 47.6 37.8 56.6

254 10.1 7.3 10.9





#60

Isopropylbenzene

Concen: 5.744 ug/L

RT: 10.488 min Scan# 2845

Delta R.T. 0.000 min

Lab File: VU046679.D

Acq: 06 Jan 2022 11:29

Instrument :

MSVOA_U

ClientSampleId :

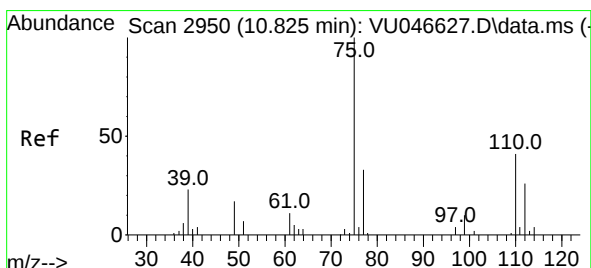
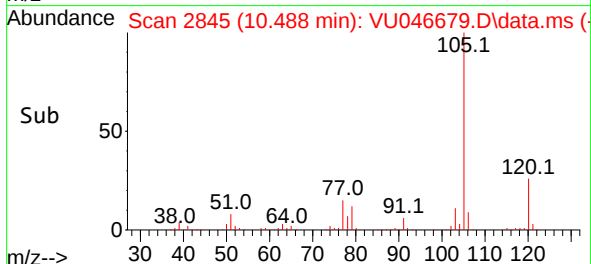
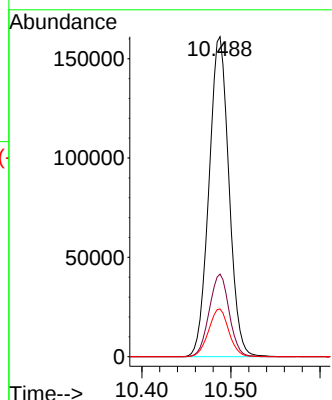
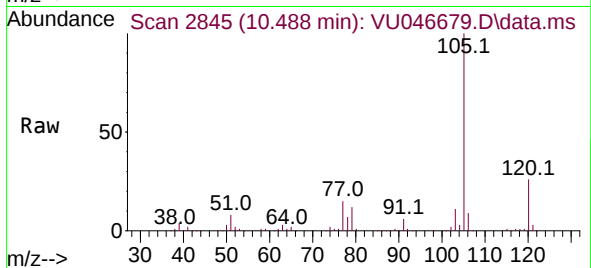
Tgt Ion:105 Resp: 250020

Ion Ratio Lower Upper

105 100

120 25.8 20.7 31.1

77 15.1 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 5.080 ug/L

RT: 10.825 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU046679.D

Acq: 06 Jan 2022 11:29

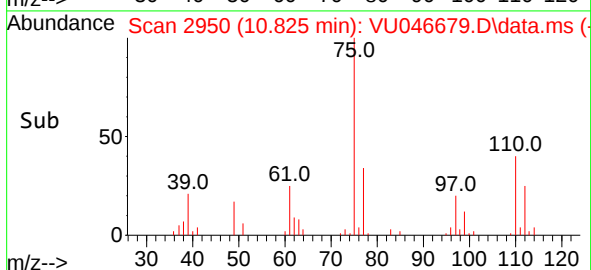
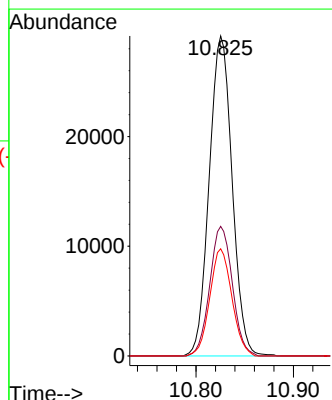
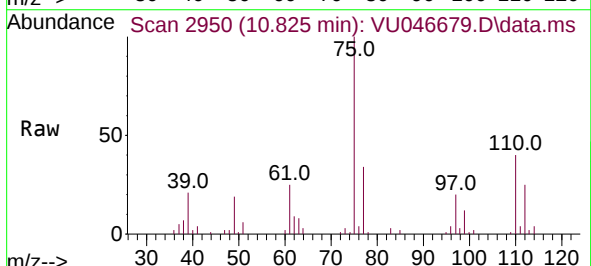
Tgt Ion: 75 Resp: 47618

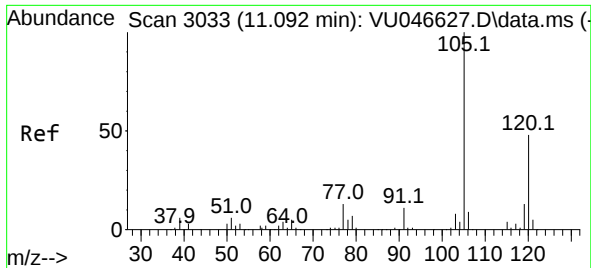
Ion Ratio Lower Upper

75 100

110 40.0 29.9 44.9

77 32.4 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 5.658 ug/L

RT: 11.089 min Scan# 3033

Delta R.T. -0.003 min

Lab File: VU046679.D

Acq: 06 Jan 2022 11:29

Instrument :

MSVOA_U

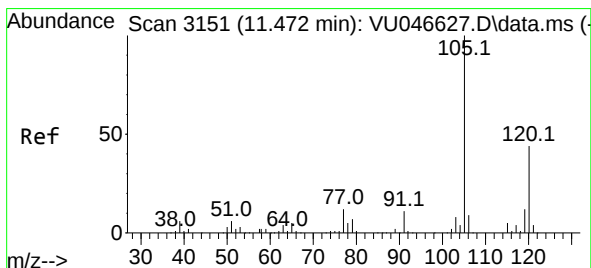
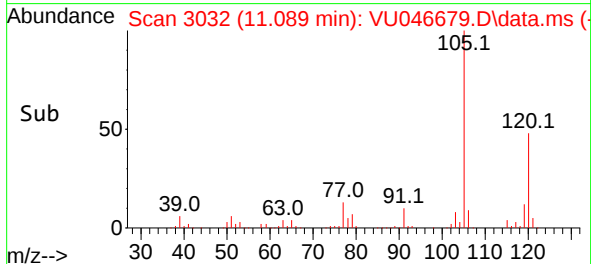
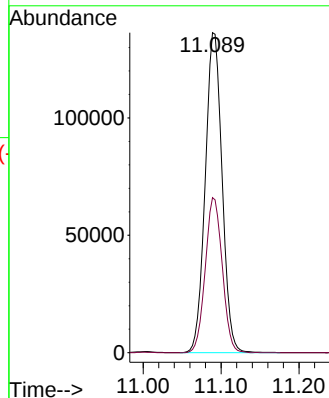
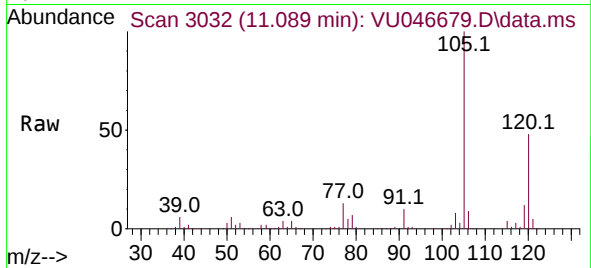
ClientSampleId :

Tgt Ion:105 Resp: 204823

Ion Ratio Lower Upper

105 100

120 48.8 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 5.830 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.003 min

Lab File: VU046679.D

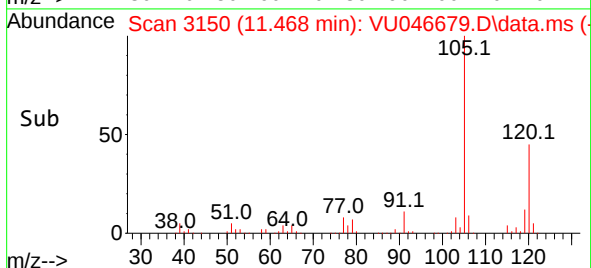
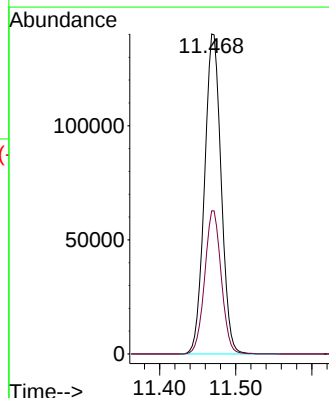
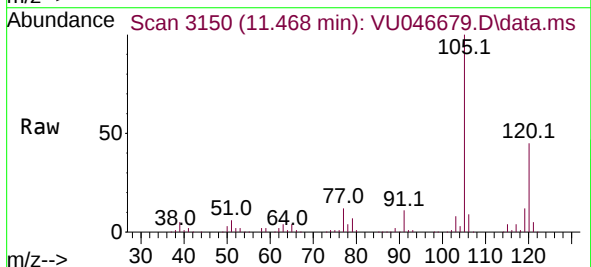
Acq: 06 Jan 2022 11:29

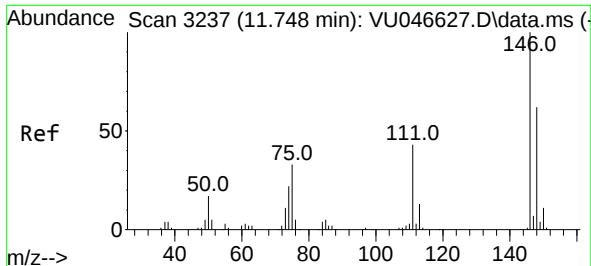
Tgt Ion:105 Resp: 212523

Ion Ratio Lower Upper

105 100

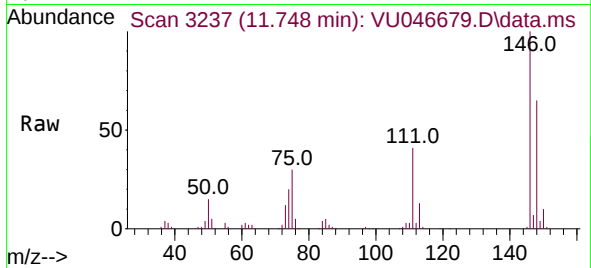
120 44.6 35.8 53.8



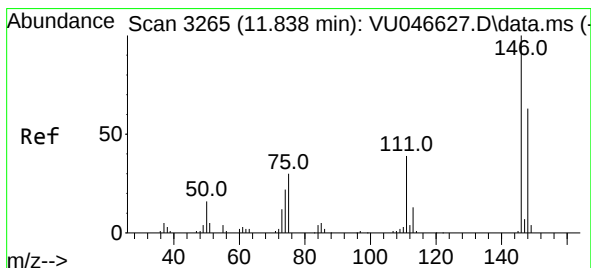
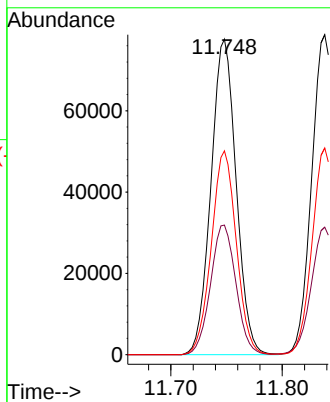
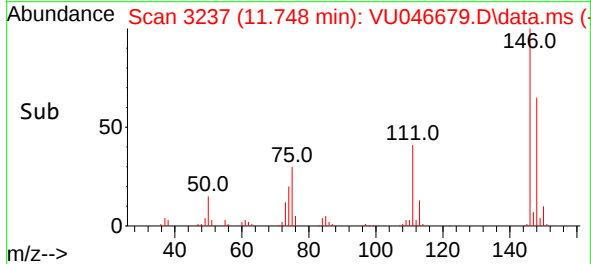


#64
1,3-Dichlorobenzene
Concen: 5.762 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU046679.D
Acq: 06 Jan 2022 11:29

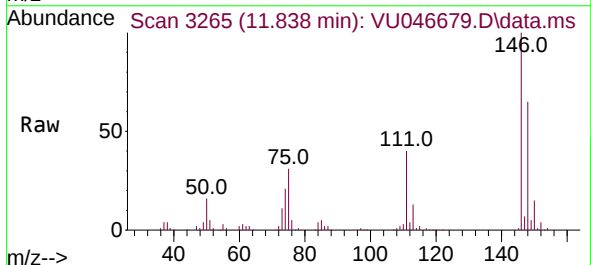
Instrument :
MSVOA_U
ClientSampleId :



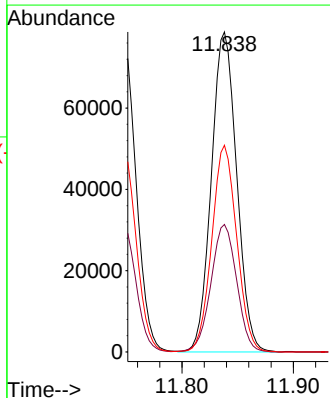
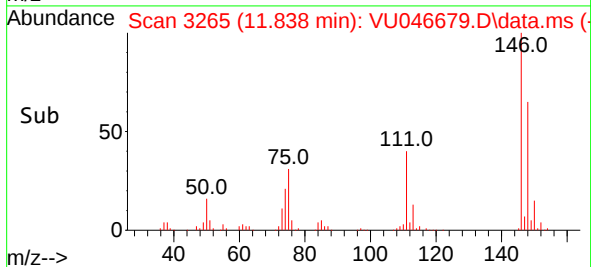
Tgt Ion:146 Resp: 121916
Ion Ratio Lower Upper
146 100
111 41.1 29.9 55.5
148 64.6 44.3 82.3

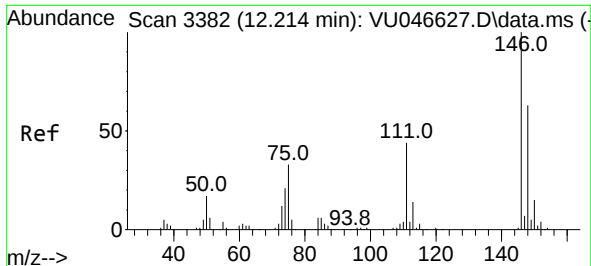


#65
1,4-Dichlorobenzene
Concen: 5.748 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU046679.D
Acq: 06 Jan 2022 11:29



Tgt Ion:146 Resp: 124490
Ion Ratio Lower Upper
146 100
111 39.9 28.7 53.3
148 64.6 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 5.599 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU046679.D

Acq: 06 Jan 2022 11:29

Instrument :

MSVOA_U

ClientSampleId :

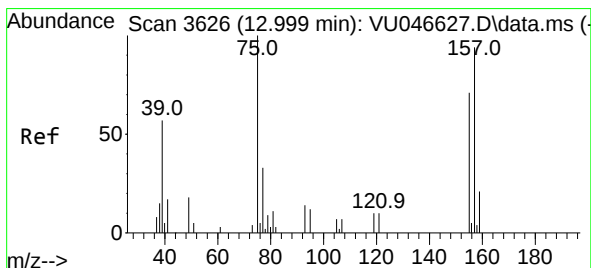
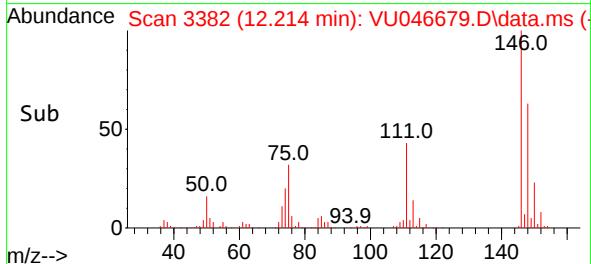
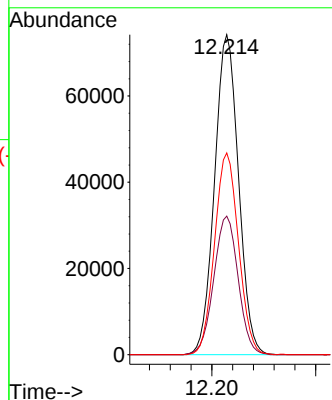
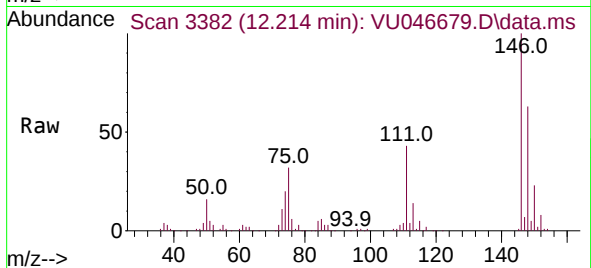
Tgt Ion:146 Resp: 118815

Ion Ratio Lower Upper

146 100

111 43.3 35.4 53.0

148 63.1 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 4.991 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.000 min

Lab File: VU046679.D

Acq: 06 Jan 2022 11:29

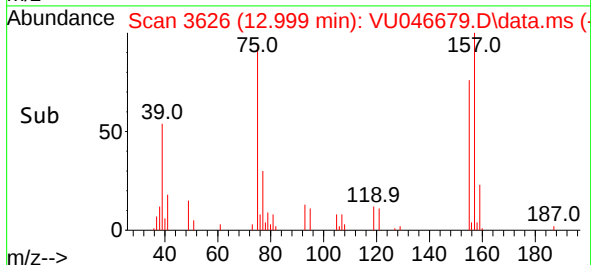
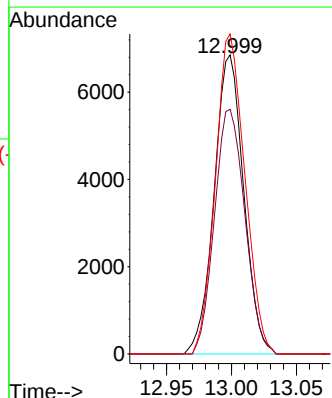
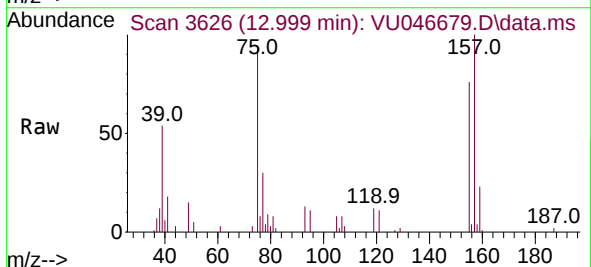
Tgt Ion: 75 Resp: 10829

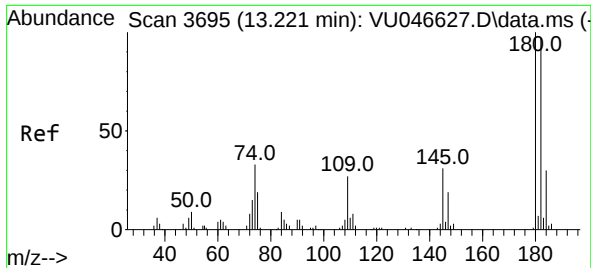
Ion Ratio Lower Upper

75 100

155 81.8 59.2 88.8

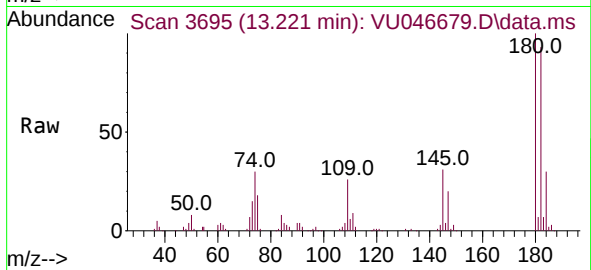
157 107.0 76.5 114.7



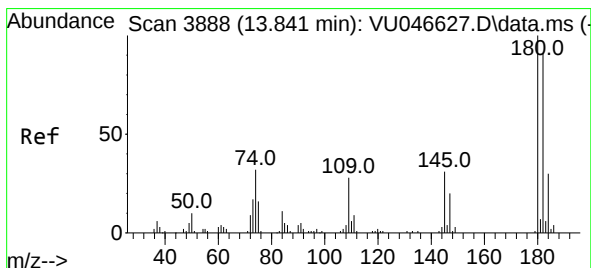
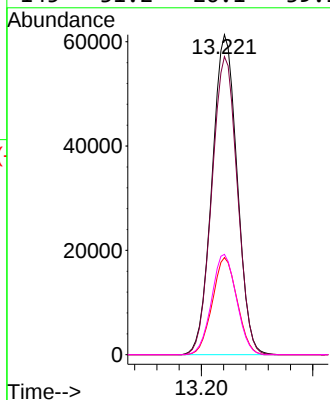
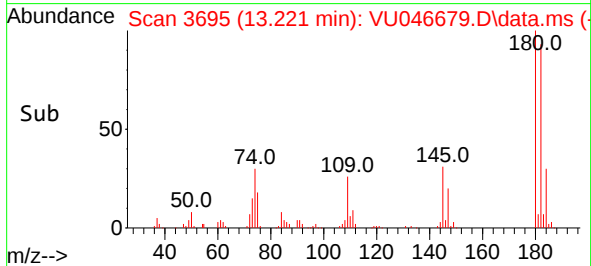


#69
 1,3,5-Trichlorobenzene
 Concen: 5.982 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU046679.D
 Acq: 06 Jan 2022 11:29

Instrument :
 MSVOA_U
 ClientSampleId :

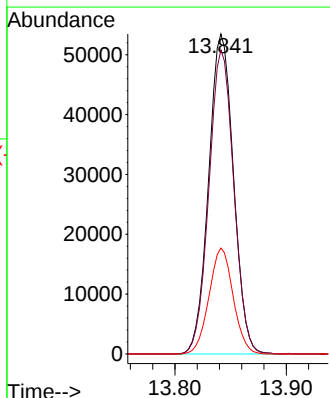
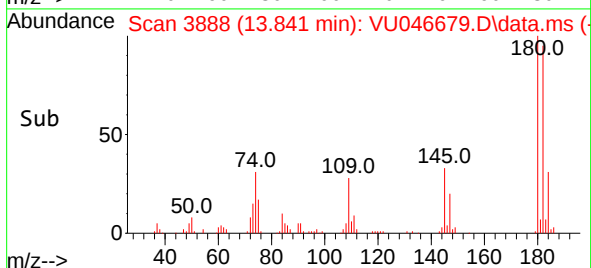
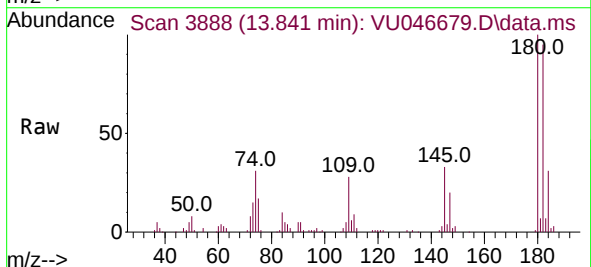


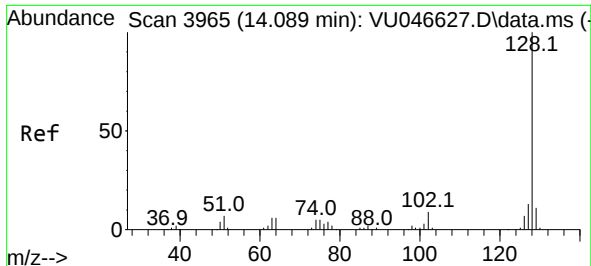
Tgt Ion:180	Resp:	95788
Ion	Ratio	Lower Upper
180	100	
182	94.7	76.1 114.1
184	30.0	25.0 37.4
145	31.2	26.1 39.1



#70
 1,2,4-trichlorobenzene
 Concen: 6.116 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU046679.D
 Acq: 06 Jan 2022 11:29

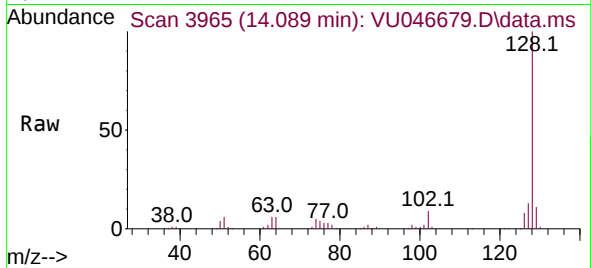
Tgt Ion:180	Resp:	82948
Ion	Ratio	Lower Upper
180	100	
182	94.8	76.4 114.6
145	32.1	25.6 38.4



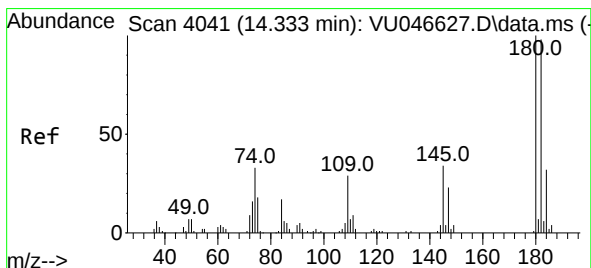
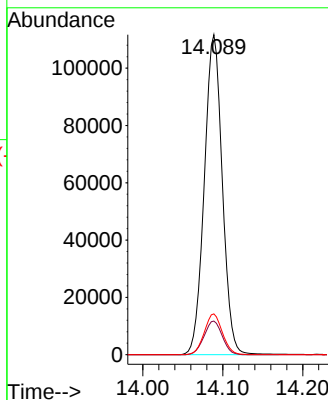
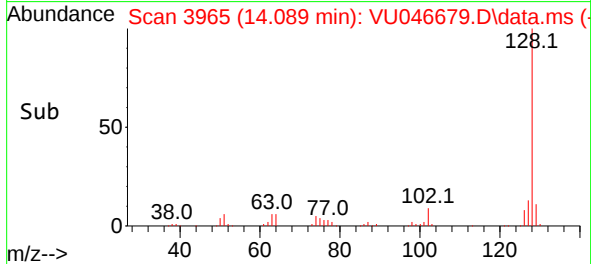


#71
Naphthalene
Concen: 5.809 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU046679.D
Acq: 06 Jan 2022 11:29

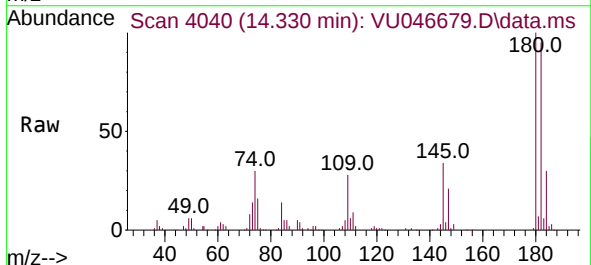
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 174980
Ion Ratio Lower Upper
128 100
129 10.6 8.4 12.6
127 12.8 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 6.061 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.003 min
Lab File: VU046679.D
Acq: 06 Jan 2022 11:29



Tgt Ion:180 Resp: 81390
Ion Ratio Lower Upper
180 100
182 95.3 76.2 114.4
145 33.9 28.4 42.6

