

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012122\
 Data File : VU046823.D
 Acq On : 21 Jan 2022 13:02
 Operator : SY/MD
 Sample : N1223-02MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAXB2MS

Quant Time: Jan 24 00:24:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 24 00:23:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	87992	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	94173	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	54374	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	31588	4.237	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.800%
7) Chloroethane-d5	1.919	69	27054	4.605	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	2.575	65	12690	4.279	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.600%
20) 2-Butanone-d5	4.655	46	131929	59.727	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.460%
24) Chloroform-d	5.070	84	64216	4.906	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.707	65	36394	5.106	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.729	84	122171	4.414	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.694	67	39426	4.744	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.899	98	110551	4.364	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	8.179	79	16154	4.426	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.639	63	120181	55.615	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.240%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	44152	5.292	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	44873	4.401	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	52296	6.318	ug/L	100
3) Chloromethane	1.523	50	44893	6.586	ug/L	99
5) Vinyl chloride	1.607	62	43307	6.103	ug/L	99
6) Bromomethane	1.864	94	23744	5.348	ug/L	97
8) Chloroethane	1.941	64	24401	5.974	ug/L	98
9) Trichlorofluoromethane	2.144	101	53878	6.231	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	30522	5.936	ug/L	95
12) 1,1-Dichloroethene	2.585	96	29055	5.914	ug/L	83
13) Acetone	2.678	43	61044	50.812	ug/L	60
14) Carbon disulfide	2.800	76	90515	5.609	ug/L	100
15) Methyl Acetate	2.964	43	15981	6.090	ug/L	97
16) Methylene chloride	3.054	84	32287	5.442	ug/L	90
17) Methyl tert-butyl Ether	3.366	73	81511	5.913	ug/L	97
18) trans-1,2-Dichloroethene	3.359	96	30273	5.689	ug/L	93
19) 1,1-Dichloroethane	3.874	63	53813	6.024	ug/L	98
21) 2-Butanone	4.732	43	108031	55.913	ug/L	96
22) cis-1,2-Dichloroethene	4.671	96	33378	5.946	ug/L	95
23) Bromochloromethane	4.980	128	16347	5.919	ug/L	90
25) Chloroform	5.092	83	56052	3.953	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012122\
 Data File : VU046823.D
 Acq On : 21 Jan 2022 13:02
 Operator : SY/MD
 Sample : N1223-02MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAXB2MS

Quant Time: Jan 24 00:24:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 24 00:23:26 2022
 Response via : Initial Calibration

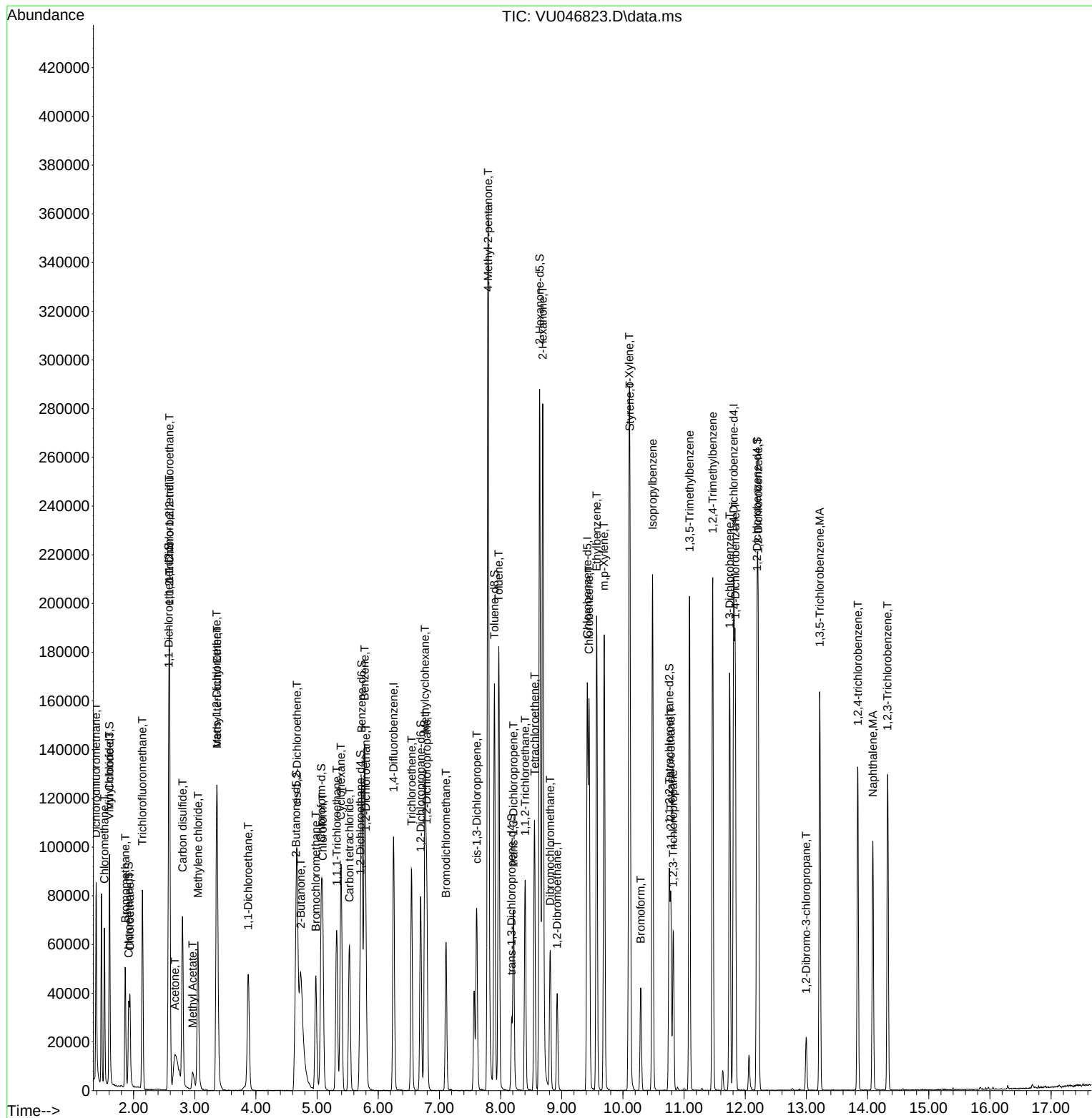
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	40536	6.477	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	49475	5.833	ug/L	98
30) Cyclohexane	5.391	56	46764	5.435	ug/L	95
31) Carbon tetrachloride	5.527	117	41943	5.763	ug/L	100
33) Benzene	5.777	78	126113	5.688	ug/L	100
34) Trichloroethene	6.546	95	31635	5.495	ug/L	96
35) Methylcyclohexane	6.764	83	52133	5.407	ug/L	95
37) 1,2-Dichloropropane	6.793	63	31940	5.872	ug/L	99
38) Bromodichloromethane	7.108	83	41206	5.264	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	46332	5.460	ug/L	97
40) 4-Methyl-2-pentanone	7.797	43	246314	61.772	ug/L	95
42) Toluene	7.970	91	135879	5.127	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	43298	5.727	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	27516	5.946	ug/L	97
47) Tetrachloroethene	8.555	164	24937	5.326	ug/L	94
48) 2-Hexanone	8.690	43	185061	61.486	ug/L	97
49) Dibromochloromethane	8.813	129	30791	5.641	ug/L	99
50) 1,2-Dibromoethane	8.925	107	27067	5.771	ug/L #	97
51) Chlorobenzene	9.446	112	83776	5.443	ug/L	99
52) Ethylbenzene	9.571	91	138803	5.509	ug/L	98
53) m,p-Xylene	9.694	106	56021	5.578	ug/L	100
54) o-Xylene	10.102	106	53824	5.528	ug/L	99
55) Styrene	10.115	104	91943	5.773	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.784	83	38190	6.137	ug/L	97
59) Bromoform	10.292	173	19413	5.798	ug/L	99
60) Isopropylbenzene	10.485	105	141383	5.582	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	28503	6.187	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	112526	5.412	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	117102	5.474	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	68510	5.411	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	68462	5.373	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	66997	5.471	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	5777	6.041	ug/L	91
69) 1,3,5-Trichlorobenzene	13.218	180	51004	5.110	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	39895	4.781	ug/L	98
71) Naphthalene	14.086	128	82612	4.863	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	40187	5.098	ug/L	98

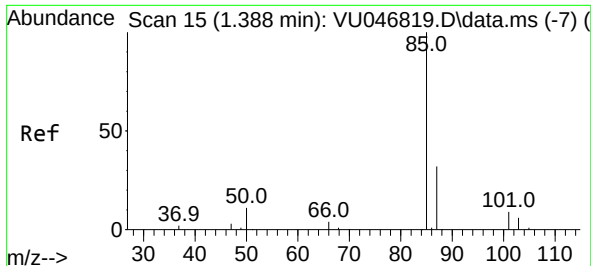
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012122\
 Data File : VU046823.D
 Acq On : 21 Jan 2022 13:02
 Operator : SY/MD
 Sample : N1223-02MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAXB2MS

Quant Time: Jan 24 00:24:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 24 00:23:26 2022
 Response via : Initial Calibration

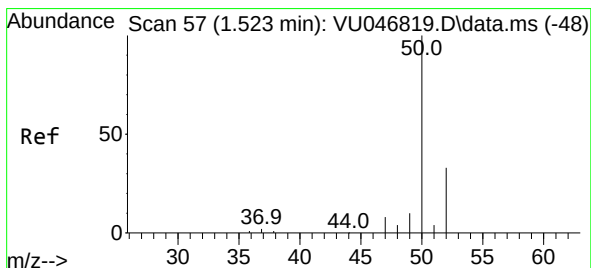
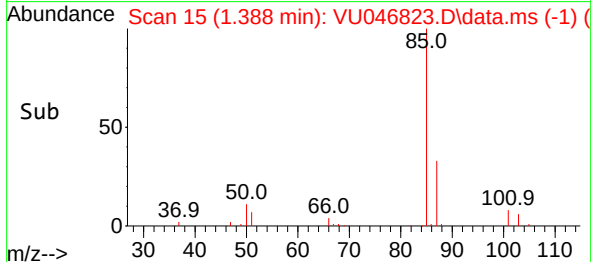
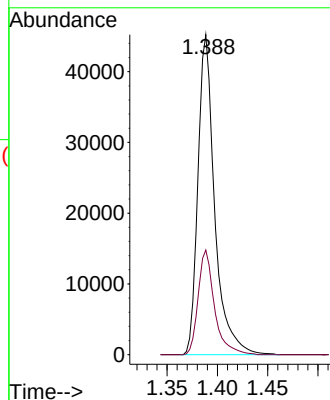
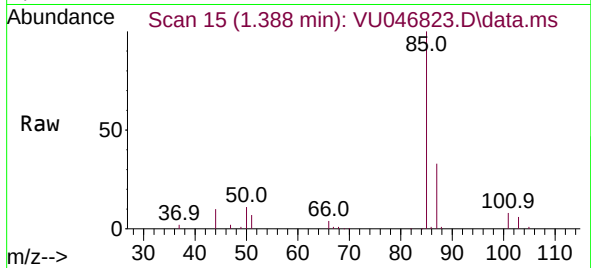




#2
Dichlorodifluoromethane
Concen: 6.318 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046823.D
Acq: 21 Jan 2022 13:02

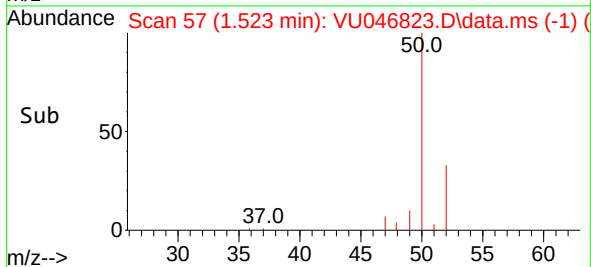
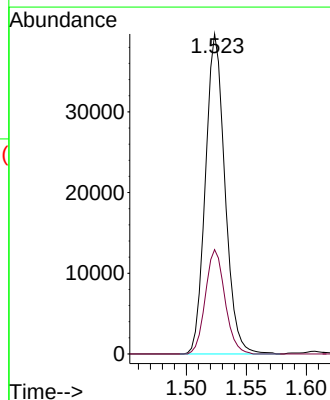
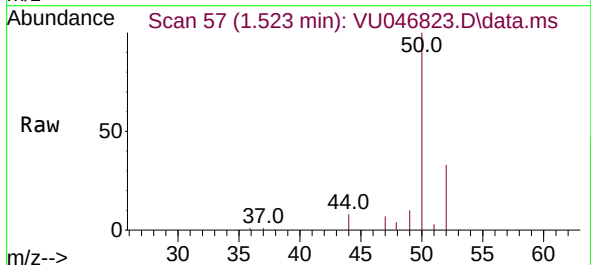
Instrument :
MSVOA_U
ClientSampleId :
YAXB2MS

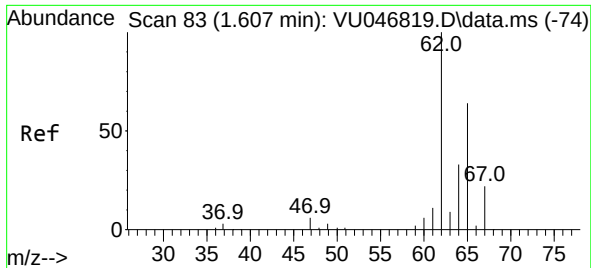
Tgt Ion: 85 Resp: 52296
Ion Ratio Lower Upper
85 100
87 31.9 25.8 38.6



#3
Chloromethane
Concen: 6.586 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU046823.D
Acq: 21 Jan 2022 13:02

Tgt Ion: 50 Resp: 44893
Ion Ratio Lower Upper
50 100
52 32.6 23.0 42.8

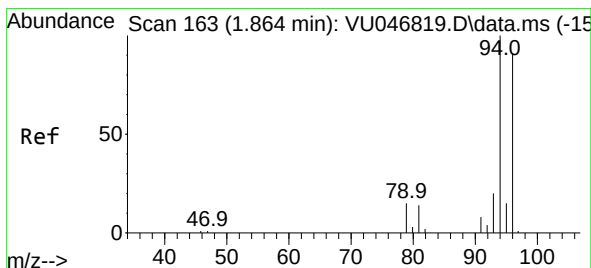
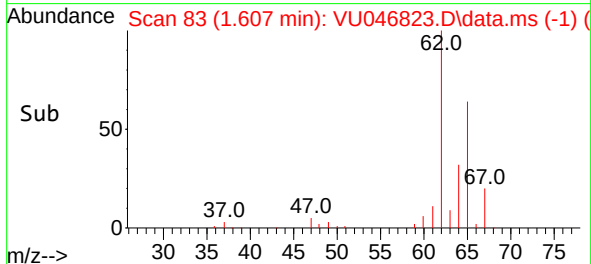
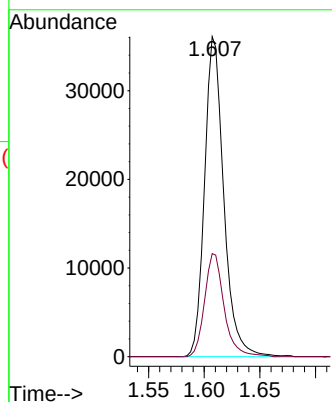
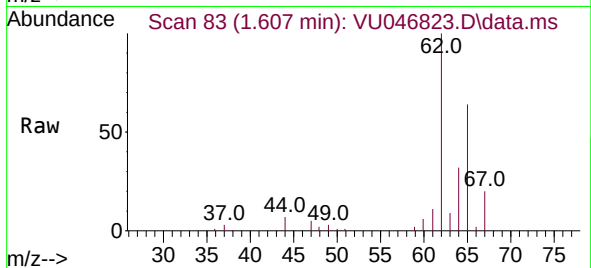




#5
 Vinyl chloride
 Concen: 6.103 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU046823.D
 Acq: 21 Jan 2022 13:02

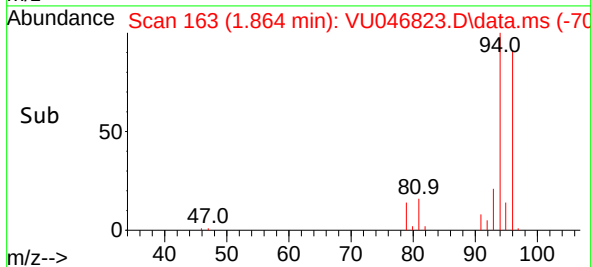
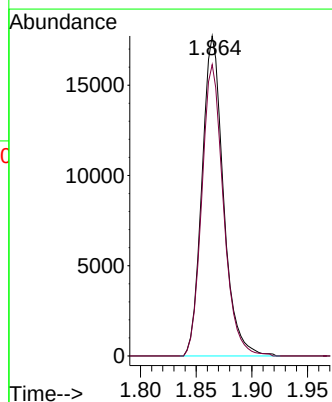
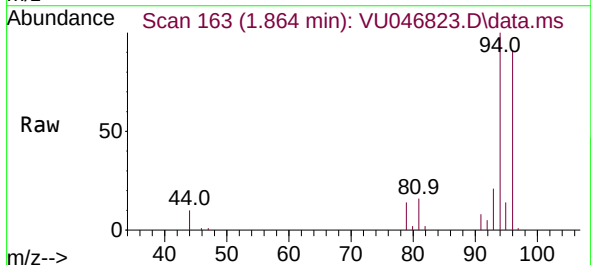
Instrument :
 MSVOA_U
 ClientSampleId :
 YAXB2MS

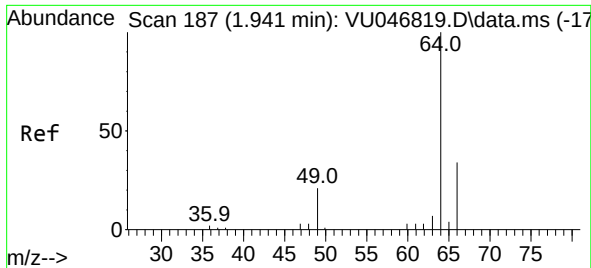
Tgt Ion: 62 Resp: 43307
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.9 42.5



#6
 Bromomethane
 Concen: 5.348 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU046823.D
 Acq: 21 Jan 2022 13:02

Tgt Ion: 94 Resp: 23744
 Ion Ratio Lower Upper
 94 100
 96 91.0 65.5 121.6

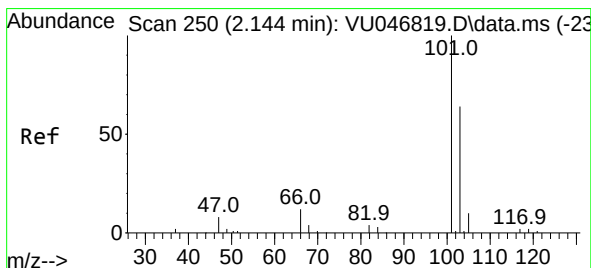
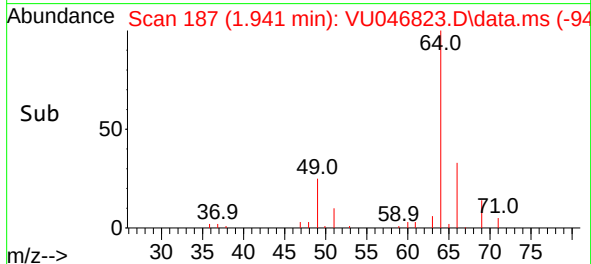
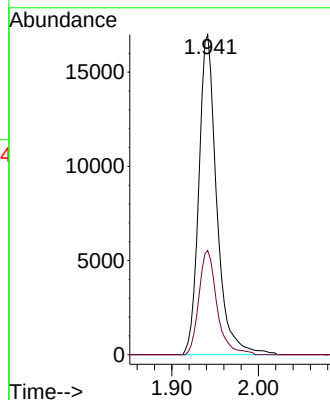
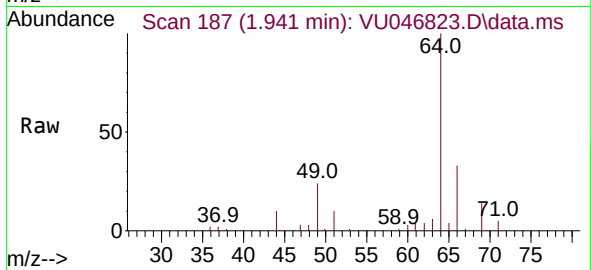




#8
Chloroethane
Concen: 5.974 ug/L
RT: 1.941 min Scan# 187
Delta R.T. 0.000 min
Lab File: VU046823.D
Acq: 21 Jan 2022 13:02

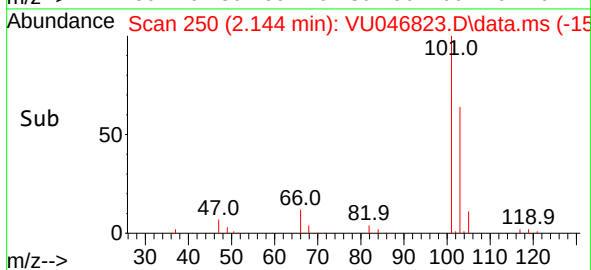
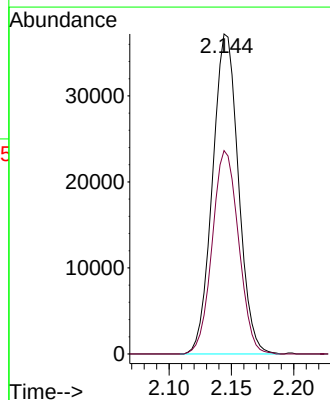
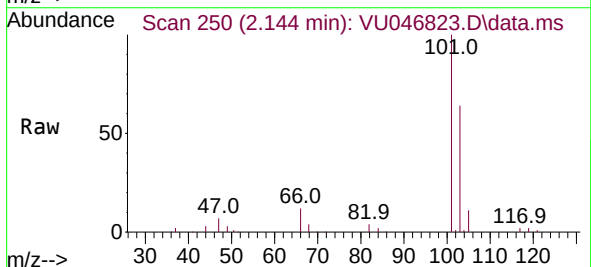
Instrument :
MSVOA_U
ClientSampleId :
YAXB2MS

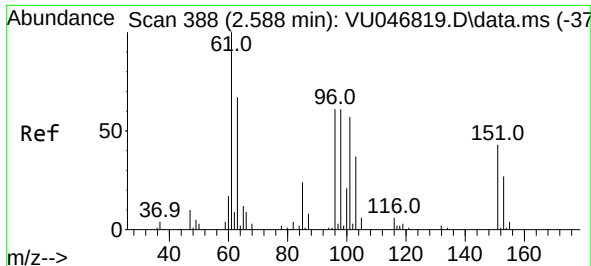
Tgt Ion: 64 Resp: 24401
Ion Ratio Lower Upper
64 100
66 32.5 22.1 41.1



#9
Trichlorofluoromethane
Concen: 6.231 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU046823.D
Acq: 21 Jan 2022 13:02

Tgt Ion:101 Resp: 53878
Ion Ratio Lower Upper
101 100
103 64.7 51.5 77.3

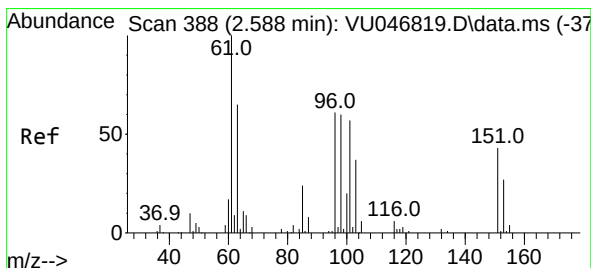
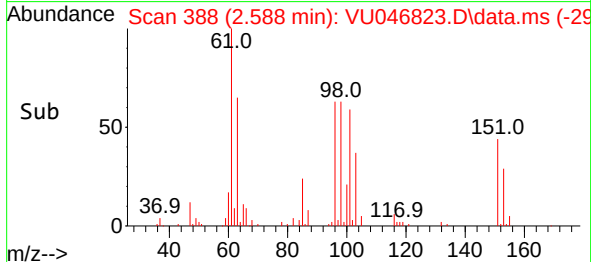
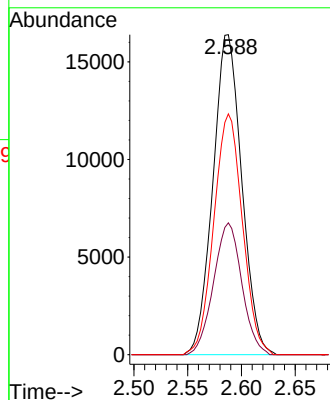
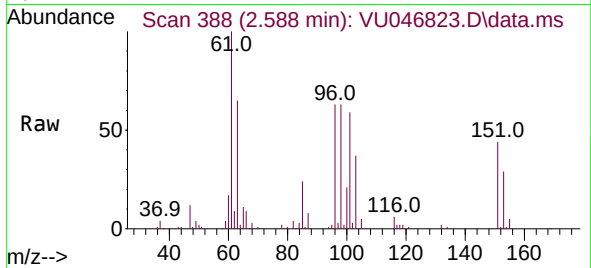




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.936 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU046823.D
 Acq: 21 Jan 2022 13:02

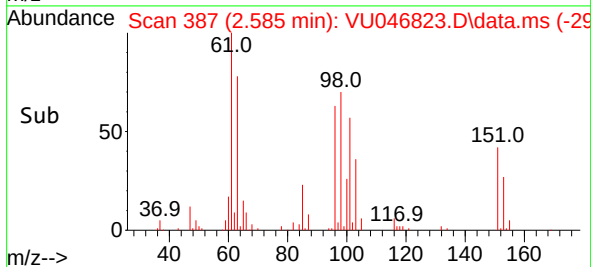
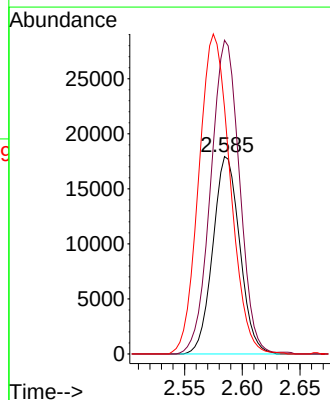
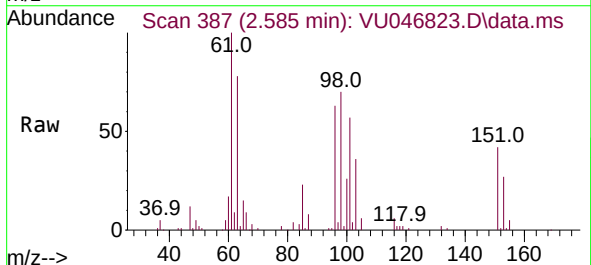
Instrument :
 MSVOA_U
 ClientSampleId :
 YAXB2MS

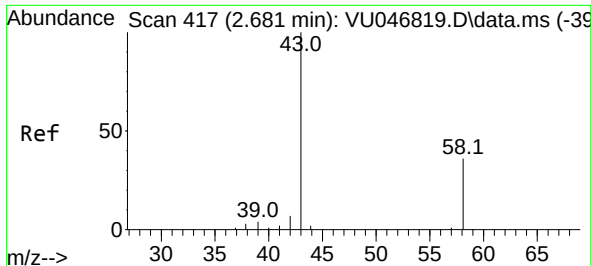
Tgt Ion: 101 Resp: 30522
 Ion Ratio Lower Upper
 101 100
 85 40.4 34.6 51.8
 151 74.8 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 5.914 ug/L
 RT: 2.585 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU046823.D
 Acq: 21 Jan 2022 13:02

Tgt Ion: 96 Resp: 29055
 Ion Ratio Lower Upper
 96 100
 61 158.9 124.7 231.5
 63 124.7 105.2 195.4





#13

Acetone

Concen: 50.812 ug/L

RT: 2.678 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU046823.D

Acq: 21 Jan 2022 13:02

Instrument :

MSVOA_U

ClientSampleId :

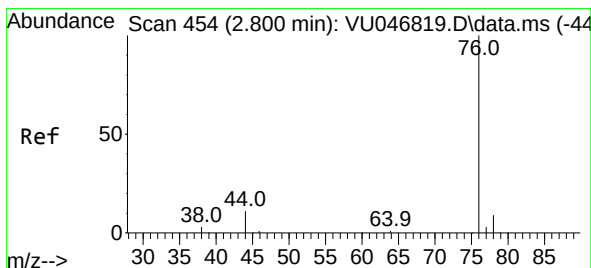
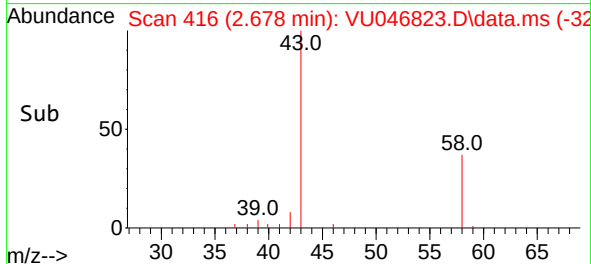
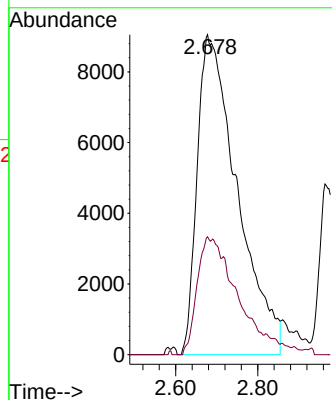
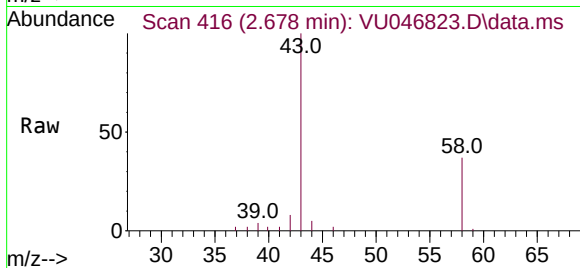
YAXB2MS

Tgt Ion: 43 Resp: 61044

Ion Ratio Lower Upper

43 100

58 12.3 0.0 71.6



#14

Carbon disulfide

Concen: 5.609 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU046823.D

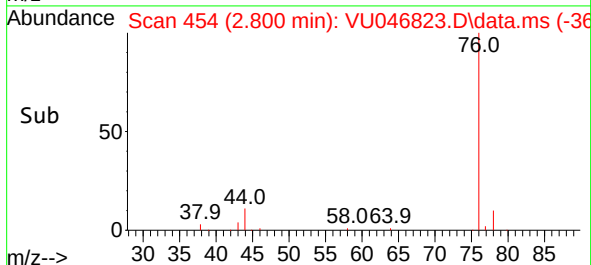
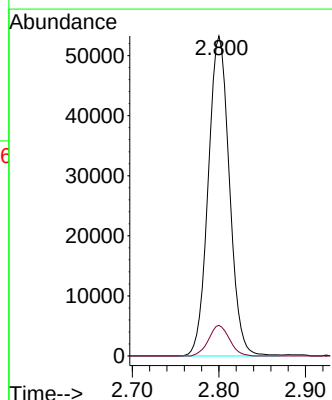
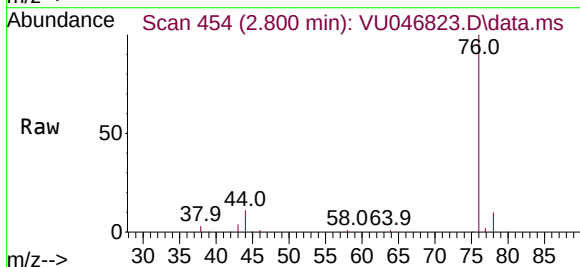
Acq: 21 Jan 2022 13:02

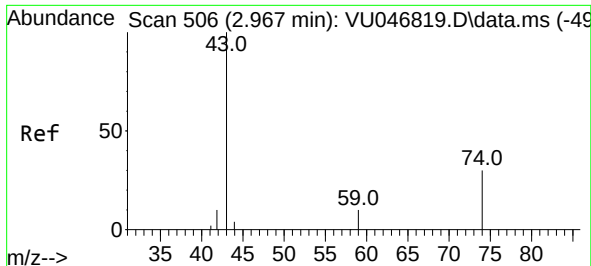
Tgt Ion: 76 Resp: 90515

Ion Ratio Lower Upper

76 100

78 9.5 7.5 11.3

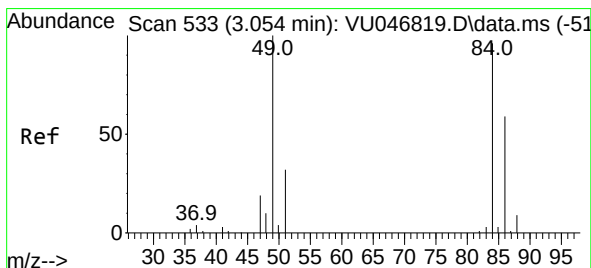
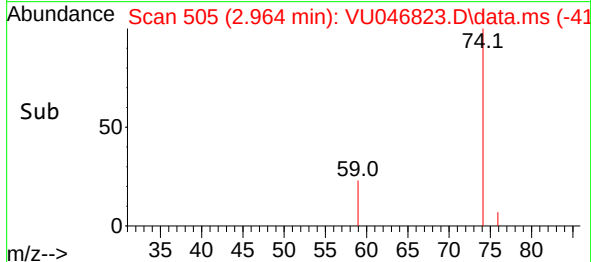
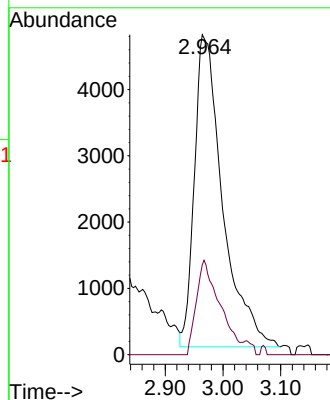
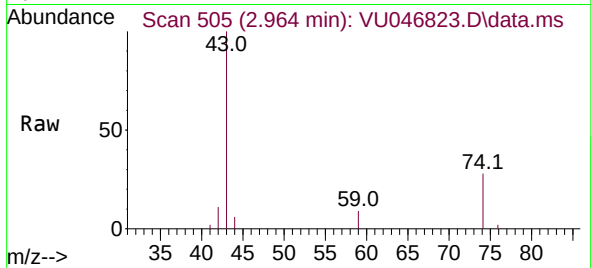




#15
Methyl Acetate
Concen: 6.090 ug/L
RT: 2.964 min Scan# 506
Delta R.T. -0.003 min
Lab File: VU046823.D
Acq: 21 Jan 2022 13:02

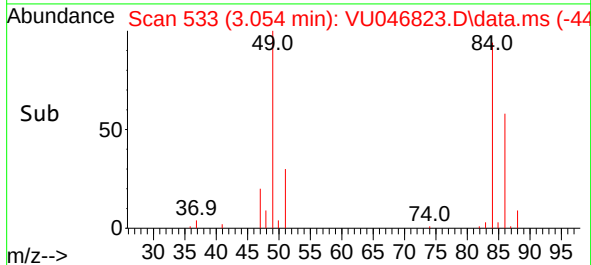
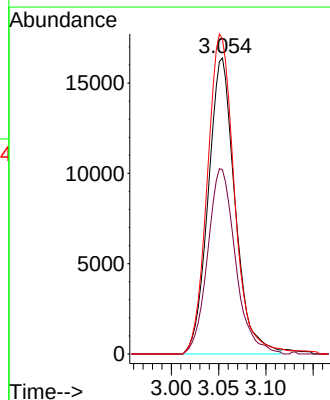
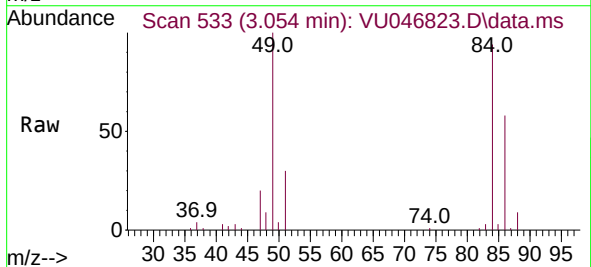
Instrument :
MSVOA_U
ClientSampleId :
YAXB2MS

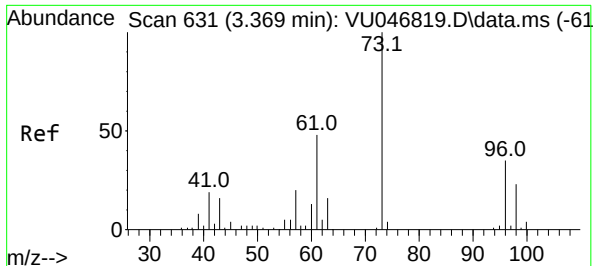
Tgt Ion: 43 Resp: 15981
Ion Ratio Lower Upper
43 100
74 25.1 19.1 28.7



#16
Methylene chloride
Concen: 5.442 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU046823.D
Acq: 21 Jan 2022 13:02

Tgt Ion: 84 Resp: 32287
Ion Ratio Lower Upper
84 100
86 62.3 45.8 85.0
49 106.4 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 5.913 ug/L

RT: 3.366 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU046823.D

Acq: 21 Jan 2022 13:02

Instrument :

MSVOA_U

ClientSampleId :

YAXB2MS

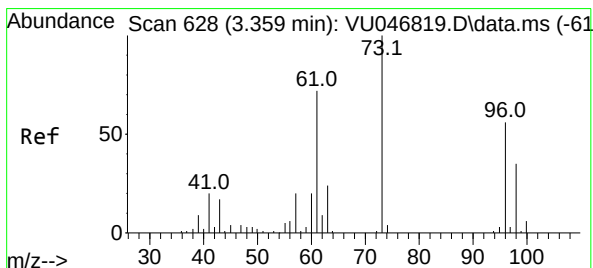
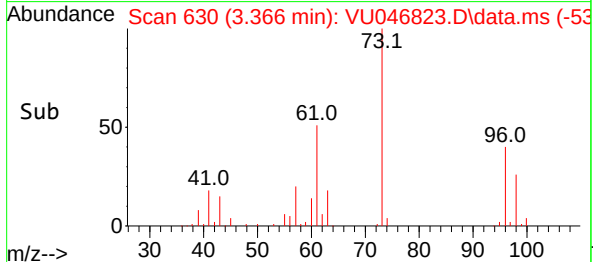
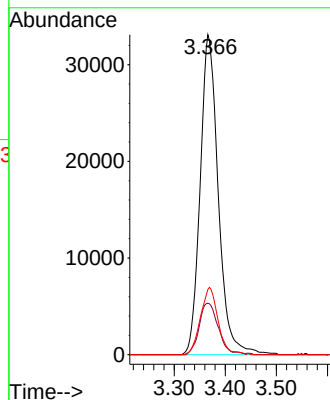
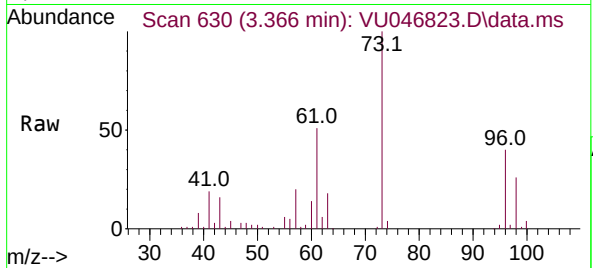
Tgt Ion: 73 Resp: 81511

Ion Ratio Lower Upper

73 100

43 16.7 14.8 22.2

57 20.3 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 5.689 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.000 min

Lab File: VU046823.D

Acq: 21 Jan 2022 13:02

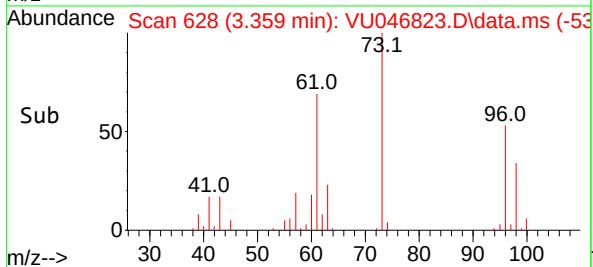
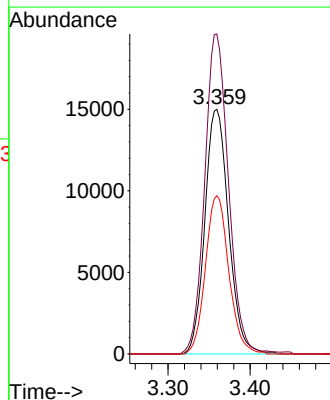
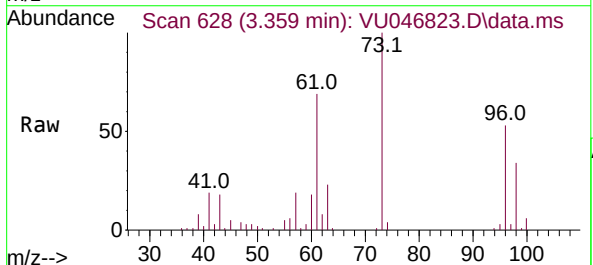
Tgt Ion: 96 Resp: 30273

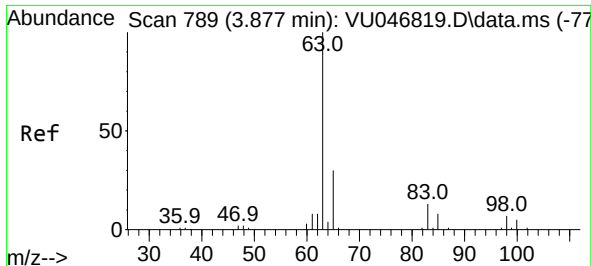
Ion Ratio Lower Upper

96 100

61 130.8 100.8 187.2

98 64.7 45.1 83.7





#19

1,1-Dichloroethane

Concen: 6.024 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.003 min

Lab File: VU046823.D

Acq: 21 Jan 2022 13:02

Instrument :

MSVOA_U

ClientSampleId :

YAXB2MS

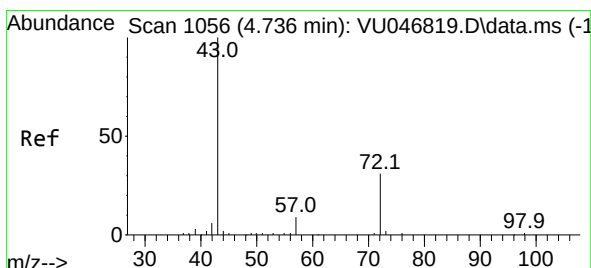
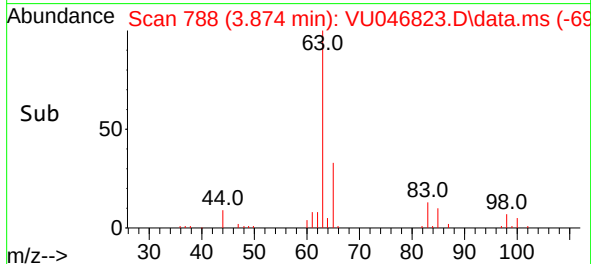
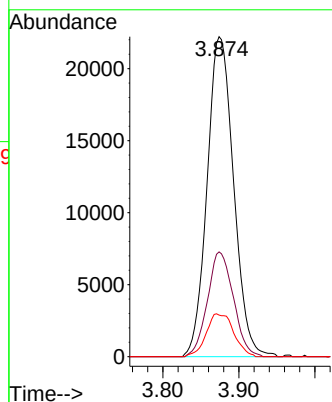
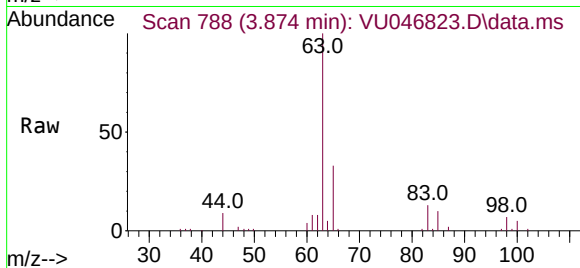
Tgt Ion: 63 Resp: 53813

Ion Ratio Lower Upper

63 100

65 32.8 22.3 41.5

83 13.0 9.6 17.8



#21

2-Butanone

Concen: 55.913 ug/L

RT: 4.732 min Scan# 1055

Delta R.T. -0.003 min

Lab File: VU046823.D

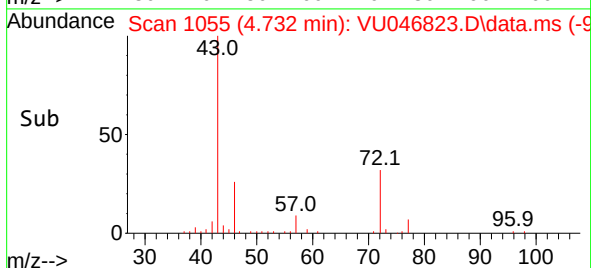
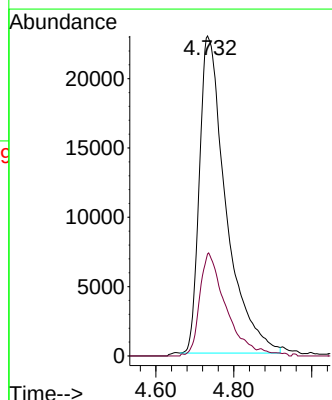
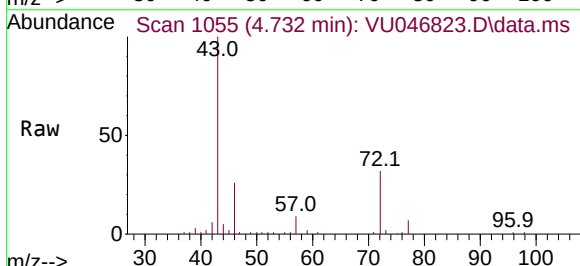
Acq: 21 Jan 2022 13:02

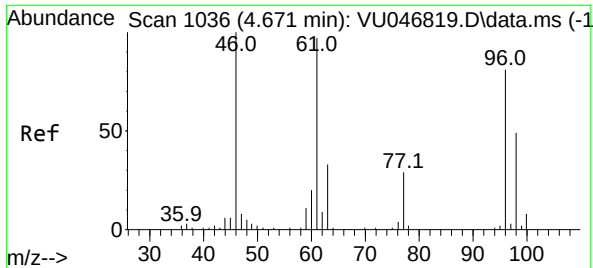
Tgt Ion: 43 Resp: 108031

Ion Ratio Lower Upper

43 100

72 30.1 14.1 42.3

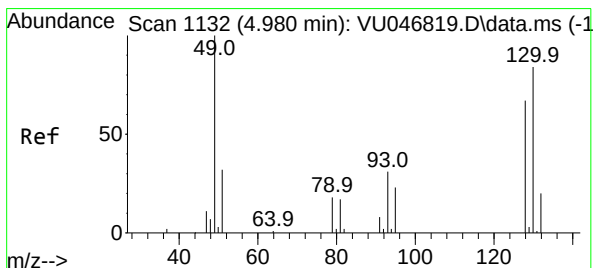
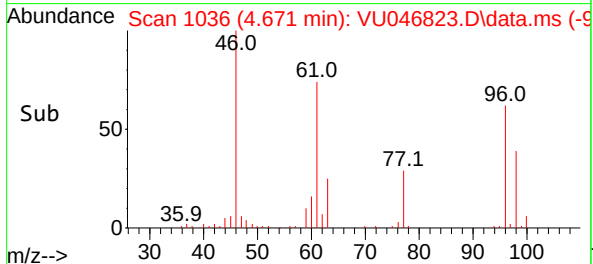
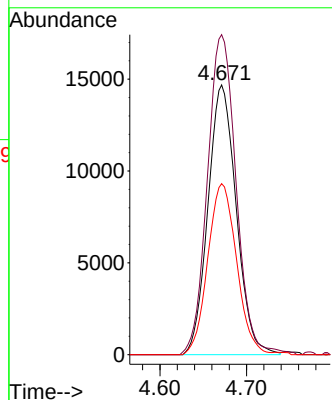
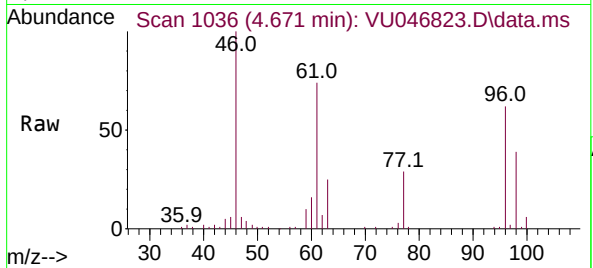




#22
 cis-1,2-Dichloroethene
 Concen: 5.946 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU046823.D
 Acq: 21 Jan 2022 13:02

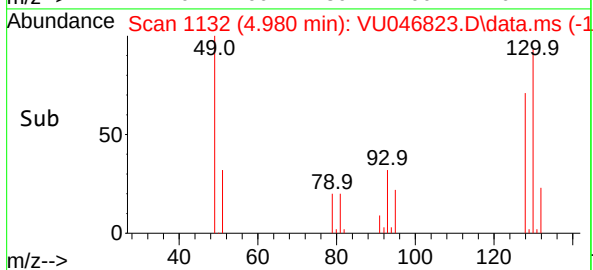
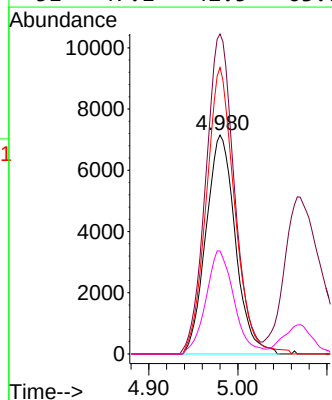
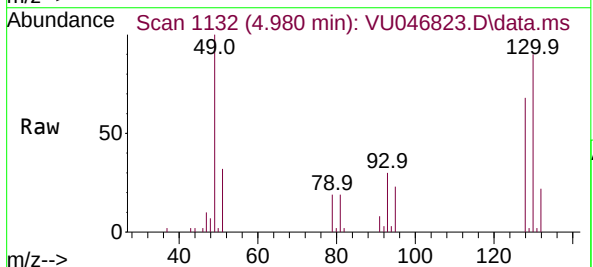
Instrument :
 MSVOA_U
 ClientSampleId :
 YAXB2MS

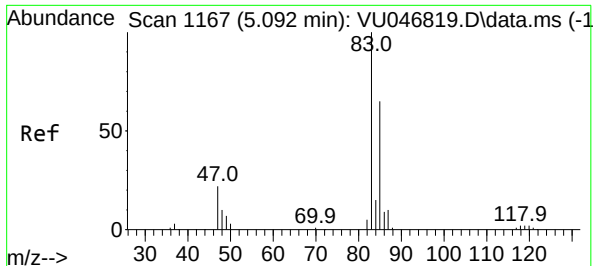
Tgt Ion: 96 Resp: 33378
 Ion Ratio Lower Upper
 96 100
 61 118.6 88.5 164.3
 98 63.4 44.4 82.5



#23
 Bromochloromethane
 Concen: 5.919 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. 0.000 min
 Lab File: VU046823.D
 Acq: 21 Jan 2022 13:02

Tgt Ion: 128 Resp: 16347
 Ion Ratio Lower Upper
 128 100
 49 146.2 117.0 217.2
 130 130.9 88.2 163.8
 51 47.1 42.5 63.7





#25

Chloroform

Concen: 3.953 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU046823.D

Acq: 21 Jan 2022 13:02

Instrument :

MSVOA_U

ClientSampleId :

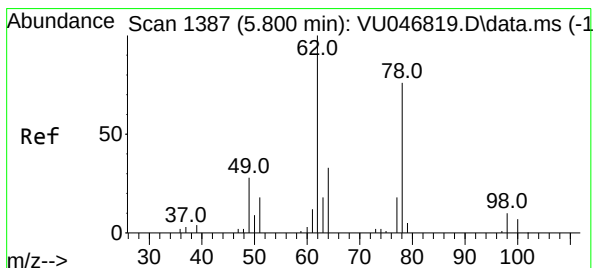
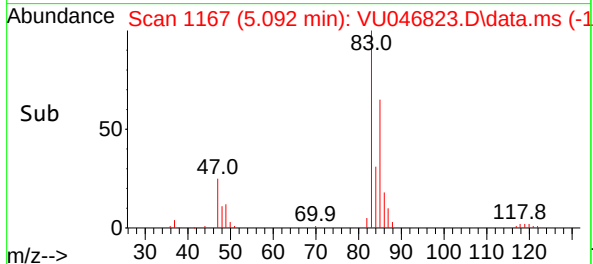
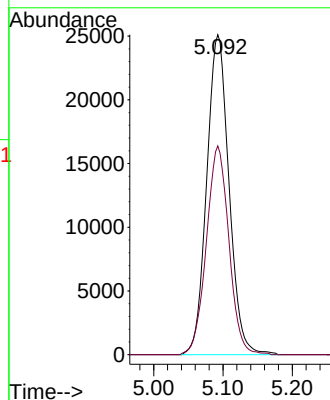
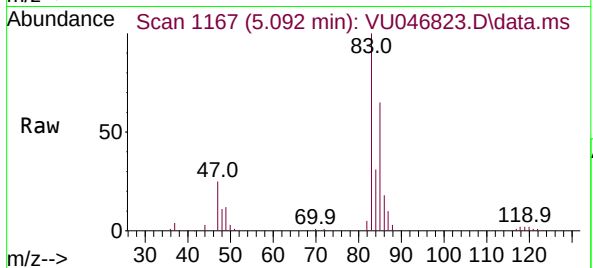
YAXB2MS

Tgt Ion: 83 Resp: 56052

Ion Ratio Lower Upper

83 100

85 65.3 46.9 87.1



#27

1,2-Dichloroethane

Concen: 6.477 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU046823.D

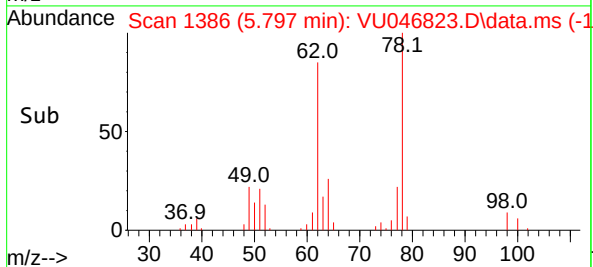
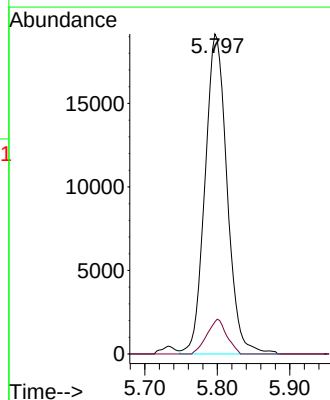
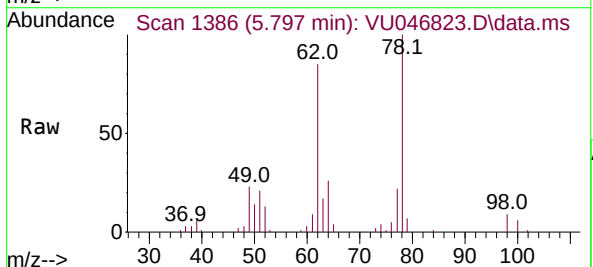
Acq: 21 Jan 2022 13:02

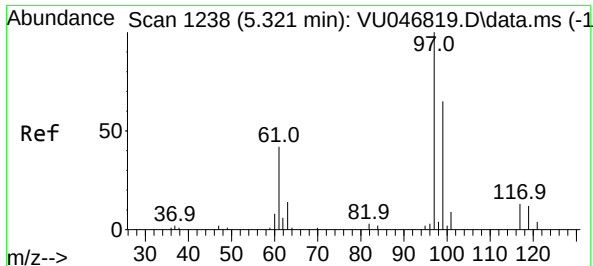
Tgt Ion: 62 Resp: 40536

Ion Ratio Lower Upper

62 100

98 10.1 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.833 ug/L

RT: 5.321 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU046823.D

Acq: 21 Jan 2022 13:02

Instrument :

MSVOA_U

ClientSampleId :

YAXB2MS

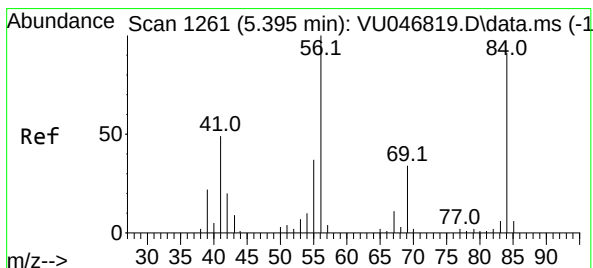
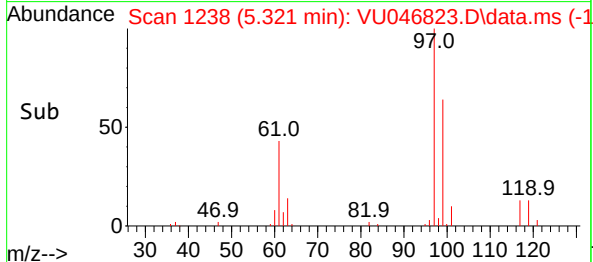
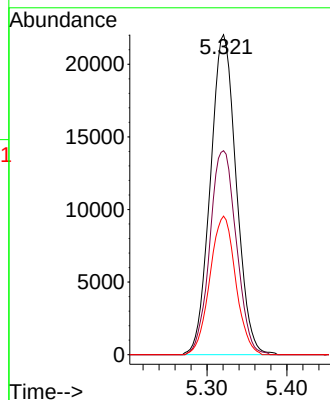
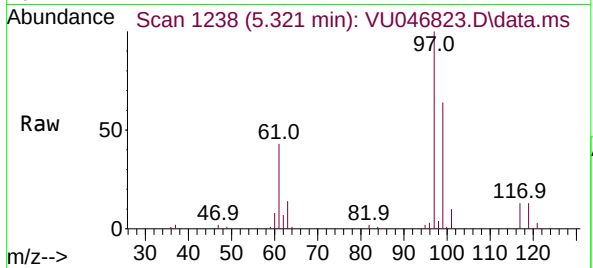
Tgt Ion: 97 Resp: 49475

Ion Ratio Lower Upper

97 100

99 65.4 51.3 76.9

61 43.1 36.1 54.1



#30

Cyclohexane

Concen: 5.435 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.003 min

Lab File: VU046823.D

Acq: 21 Jan 2022 13:02

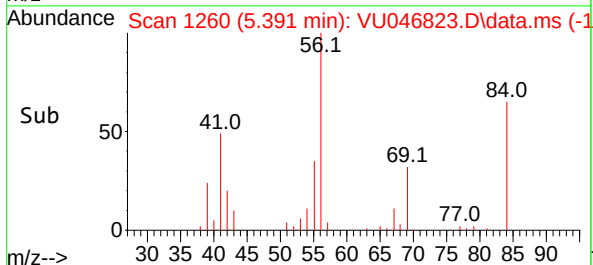
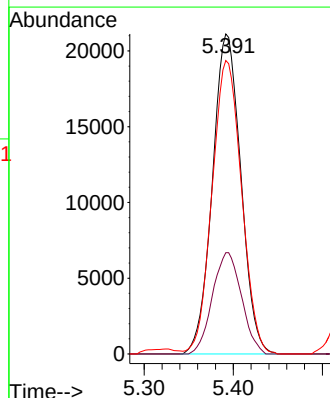
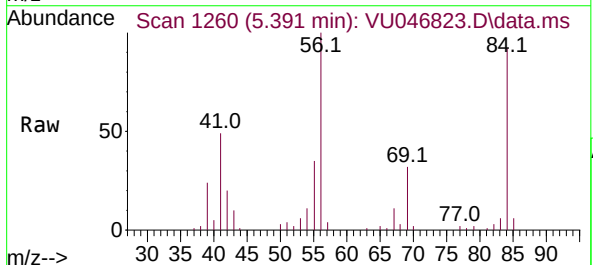
Tgt Ion: 56 Resp: 46764

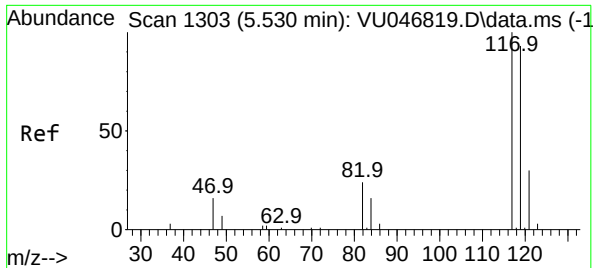
Ion Ratio Lower Upper

56 100

69 32.3 24.7 37.1

84 95.0 71.8 107.6

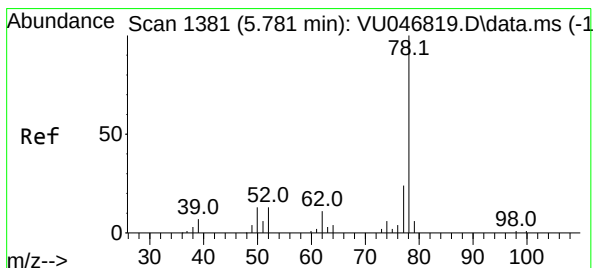
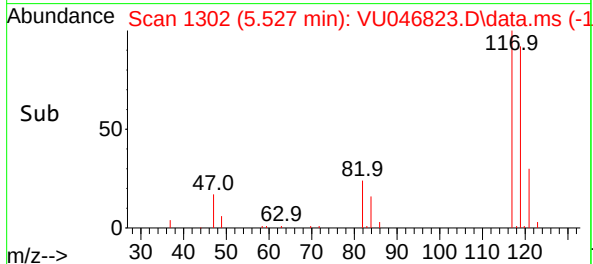
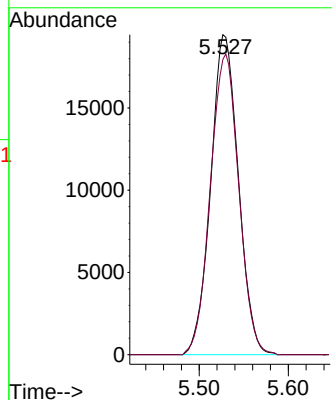
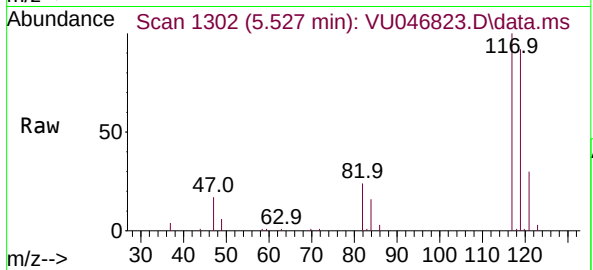




#31
Carbon tetrachloride
Concen: 5.763 ug/L
RT: 5.527 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU046823.D
Acq: 21 Jan 2022 13:02

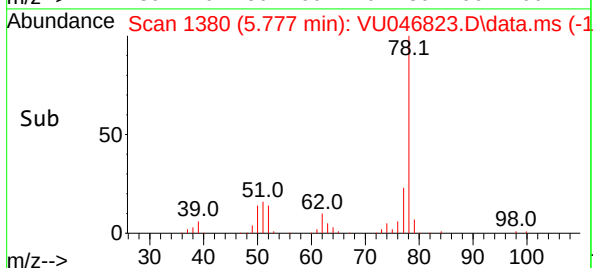
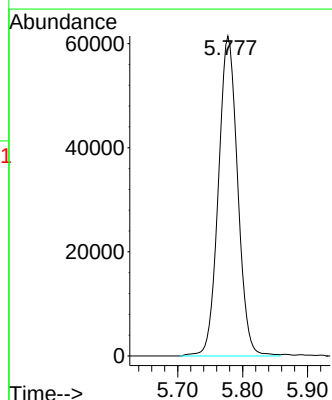
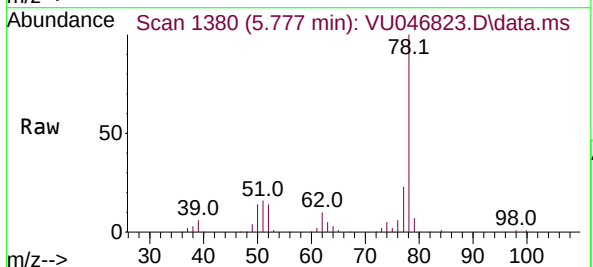
Instrument :
MSVOA_U
ClientSampleId :
YAXB2MS

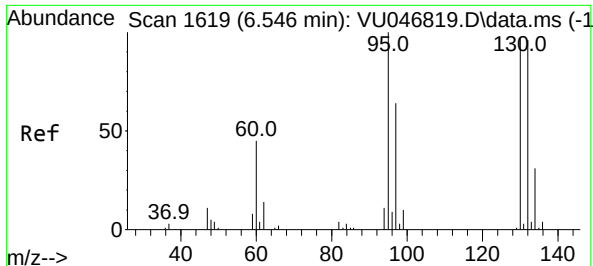
Tgt Ion:117 Resp: 41943
Ion Ratio Lower Upper
117 100
119 96.5 77.5 116.3



#33
Benzene
Concen: 5.688 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU046823.D
Acq: 21 Jan 2022 13:02

Tgt Ion: 78 Resp: 126113

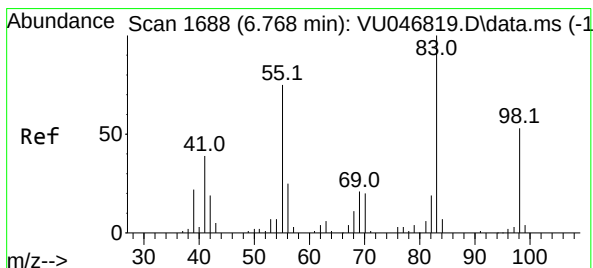
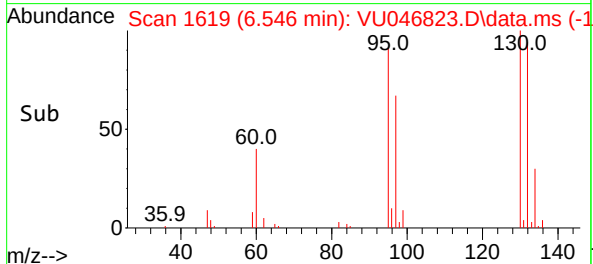
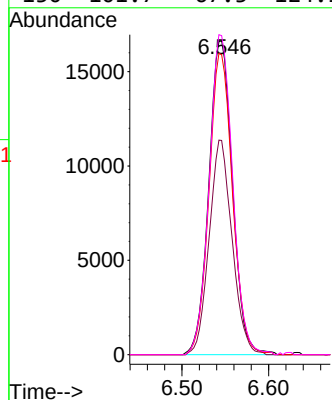
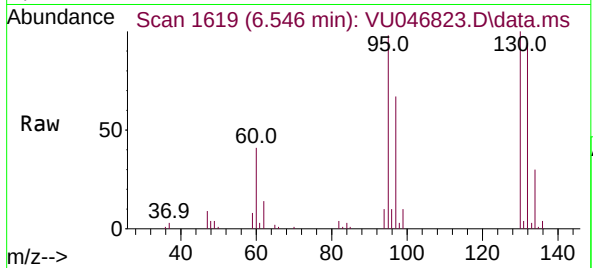




#34
Trichloroethene
Concen: 5.495 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046823.D
Acq: 21 Jan 2022 13:02

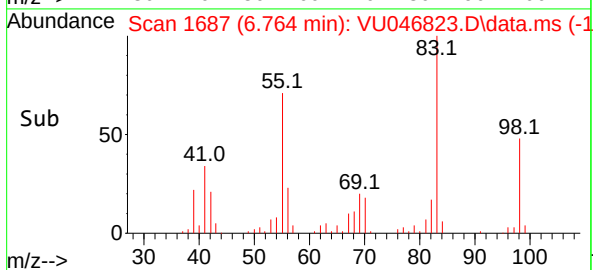
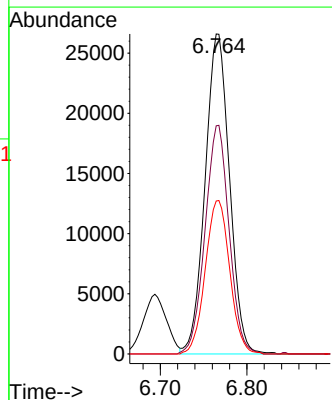
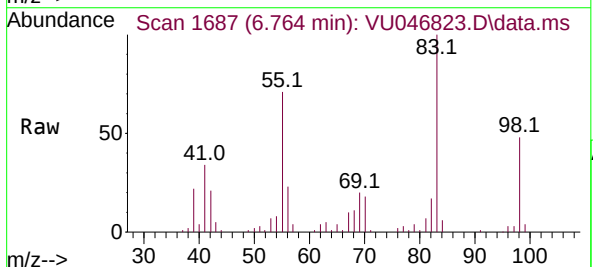
Instrument :
MSVOA_U
ClientSampleId :
YAXB2MS

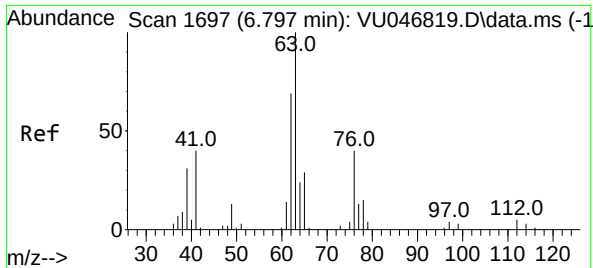
Tgt Ion: 95 Resp: 31635
Ion Ratio Lower Upper
95 100
97 68.3 46.5 86.5
132 95.6 65.1 120.9
130 101.7 67.3 124.9



#35
Methylcyclohexane
Concen: 5.407 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU046823.D
Acq: 21 Jan 2022 13:02

Tgt Ion: 83 Resp: 52133
Ion Ratio Lower Upper
83 100
55 70.3 61.9 92.9
98 48.0 39.0 58.6





#37

1,2-Dichloropropane

Concen: 5.872 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU046823.D

Acq: 21 Jan 2022 13:02

Instrument :

MSVOA_U

ClientSampleId :

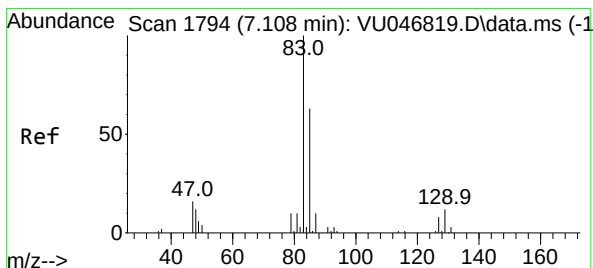
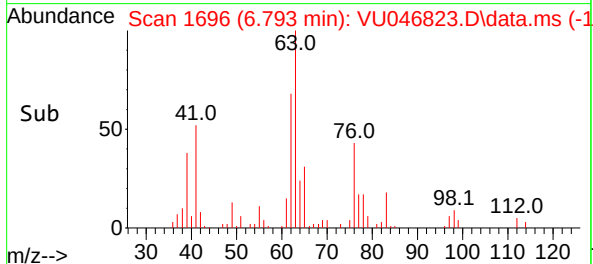
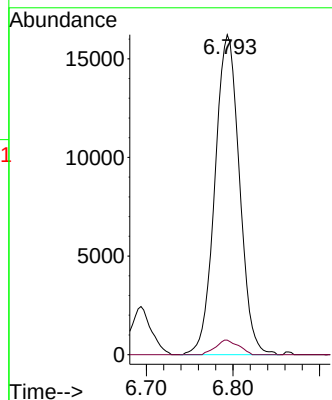
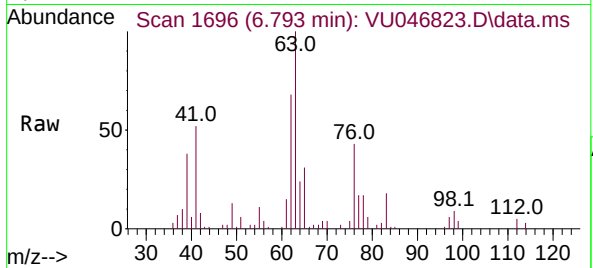
YAXB2MS

Tgt Ion: 63 Resp: 31940

Ion Ratio Lower Upper

63 100

112 4.2 3.2 4.8



#38

Bromodichloromethane

Concen: 5.264 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU046823.D

Acq: 21 Jan 2022 13:02

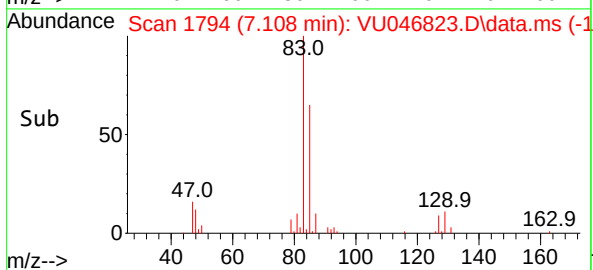
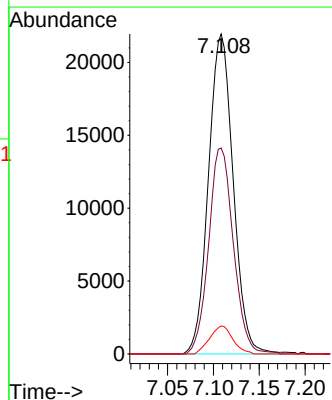
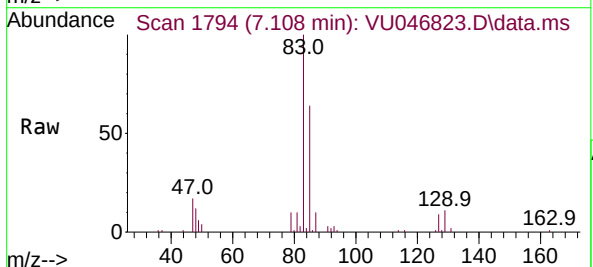
Tgt Ion: 83 Resp: 41206

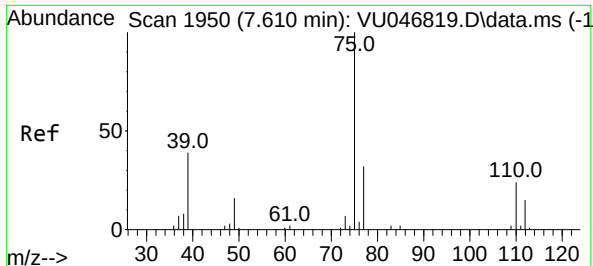
Ion Ratio Lower Upper

83 100

85 64.4 44.0 81.8

127 8.8 6.3 9.5

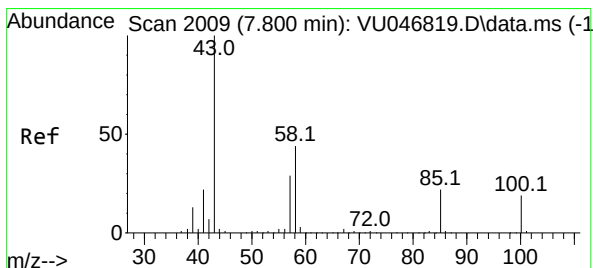
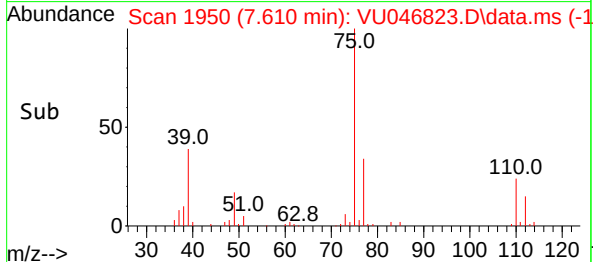
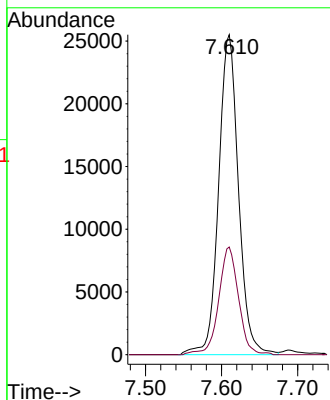
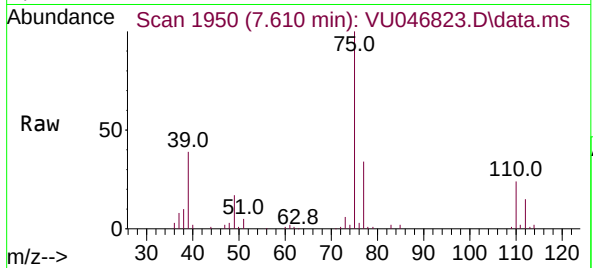




#39
 cis-1,3-Dichloropropene
 Concen: 5.460 ug/L
 RT: 7.610 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VU046823.D
 Acq: 21 Jan 2022 13:02

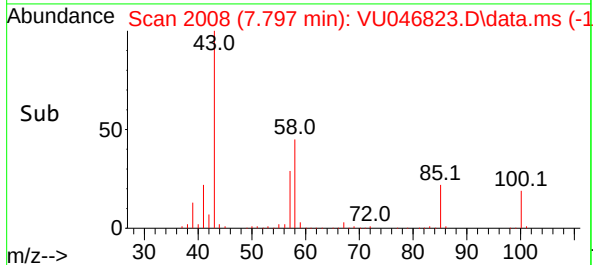
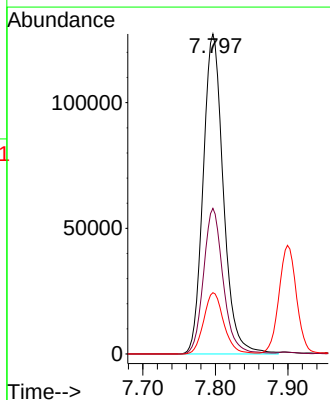
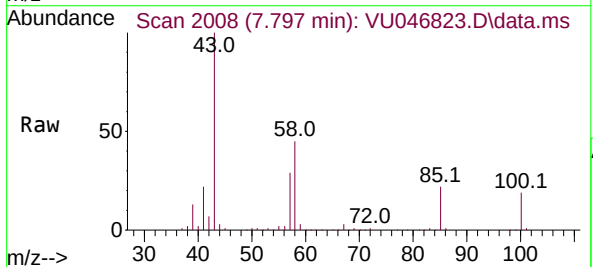
Instrument :
 MSVOA_U
 ClientSampleId :
 YAXB2MS

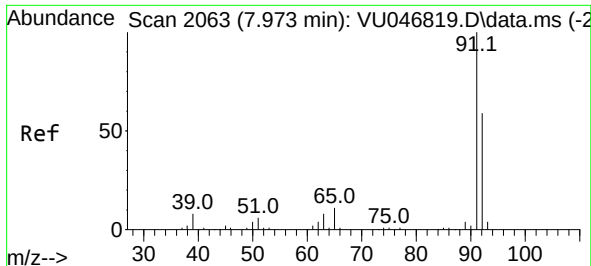
Tgt Ion: 75 Resp: 46332
 Ion Ratio Lower Upper
 75 100
 77 33.7 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 61.772 ug/L
 RT: 7.797 min Scan# 2008
 Delta R.T. -0.003 min
 Lab File: VU046823.D
 Acq: 21 Jan 2022 13:02

Tgt Ion: 43 Resp: 246314
 Ion Ratio Lower Upper
 43 100
 58 44.6 33.1 49.7
 100 19.1 13.2 19.8





#42

Toluene

Concen: 5.127 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU046823.D

Acq: 21 Jan 2022 13:02

Instrument :

MSVOA_U

ClientSampleId :

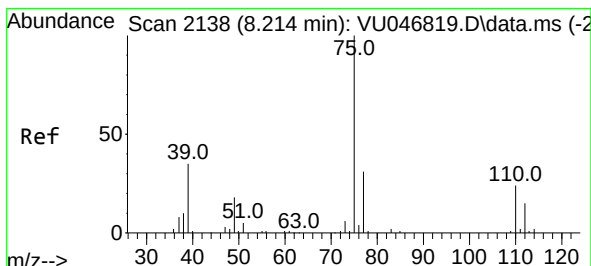
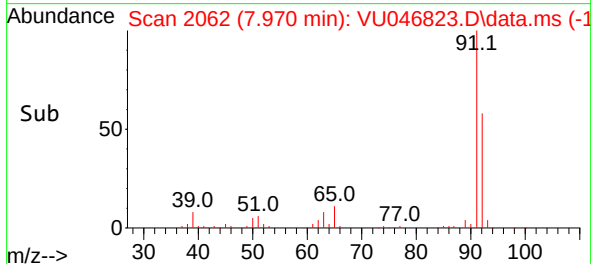
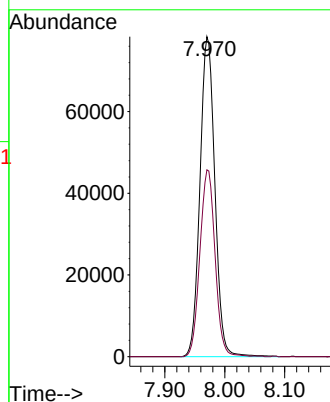
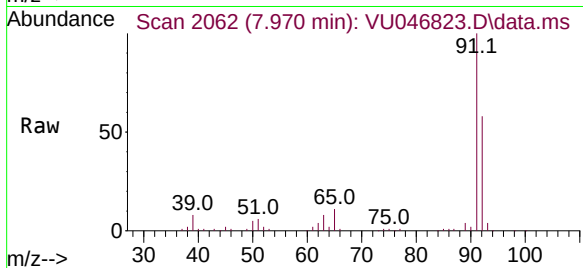
YAXB2MS

Tgt Ion: 91 Resp: 135879

Ion Ratio Lower Upper

91 100

92 58.4 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 5.727 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VU046823.D

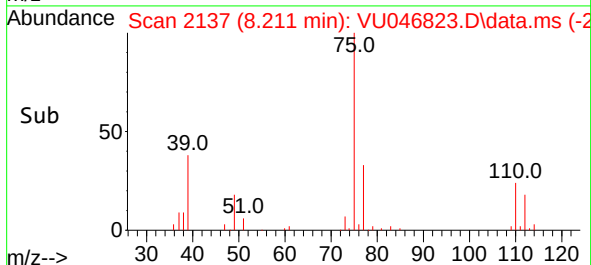
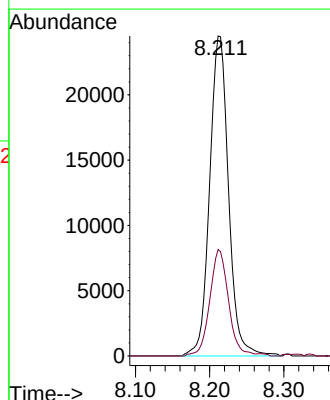
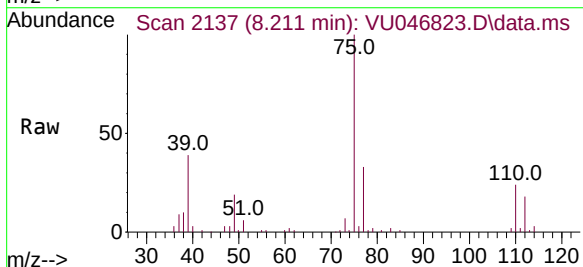
Acq: 21 Jan 2022 13:02

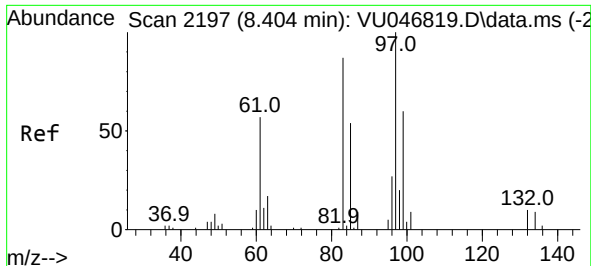
Tgt Ion: 75 Resp: 43298

Ion Ratio Lower Upper

75 100

77 33.2 22.7 42.3

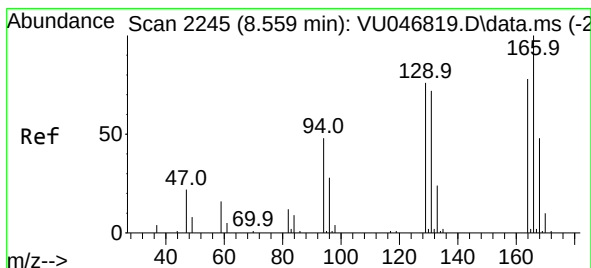
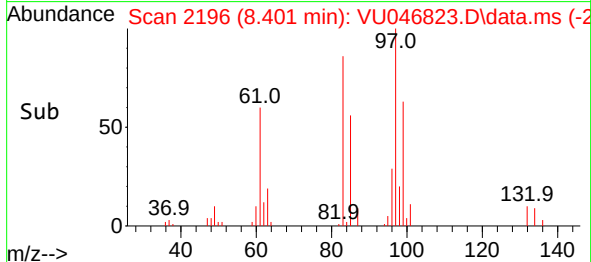
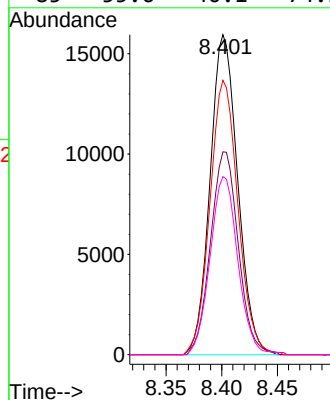
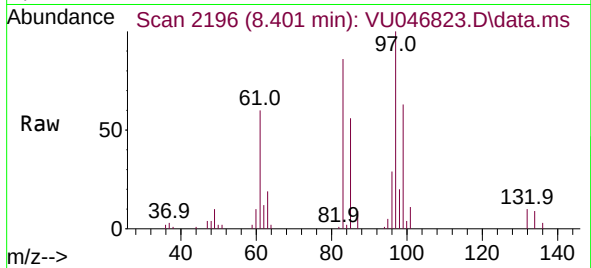




#45
1,1,2-Trichloroethane
Concen: 5.946 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU046823.D
Acq: 21 Jan 2022 13:02

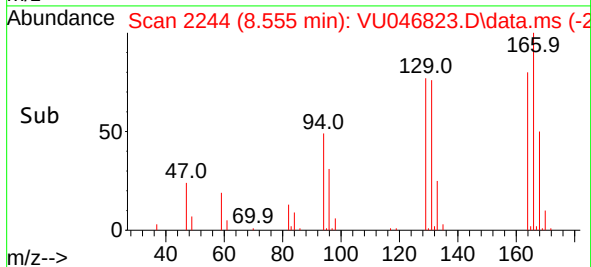
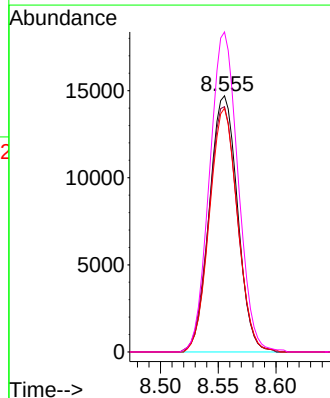
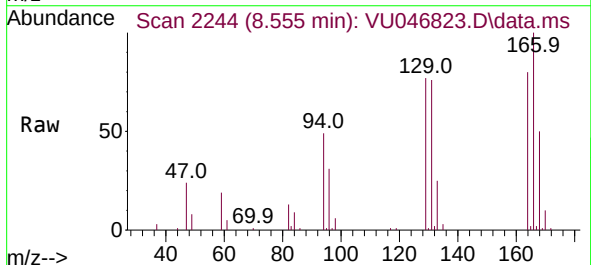
Instrument :
MSVOA_U
ClientSampleId :
YAXB2MS

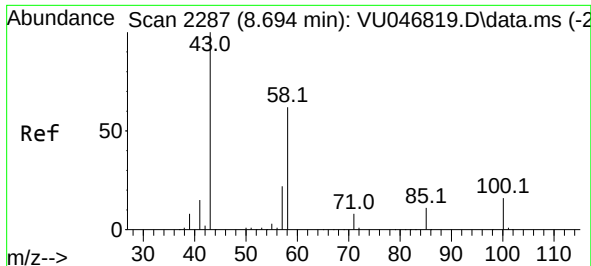
Tgt Ion: 97	Resp: 27516
Ion Ratio	Lower Upper
97 100	
99 63.4	42.3 78.5
83 85.8	62.0 115.2
85 55.6	40.1 74.5



#47
Tetrachloroethene
Concen: 5.326 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU046823.D
Acq: 21 Jan 2022 13:02

Tgt	Ion:164	Resp:	24937
Ion	Ratio	Lower	Upper
164	100		
129	95.7	71.8	133.4
131	95.2	68.5	127.3
166	124.9	94.1	174.8

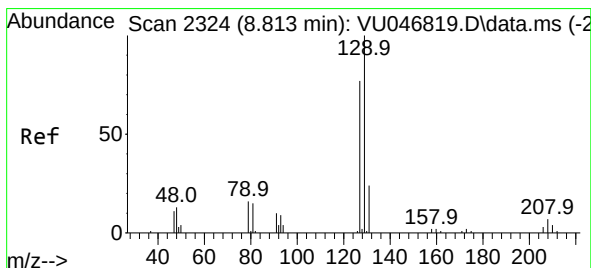
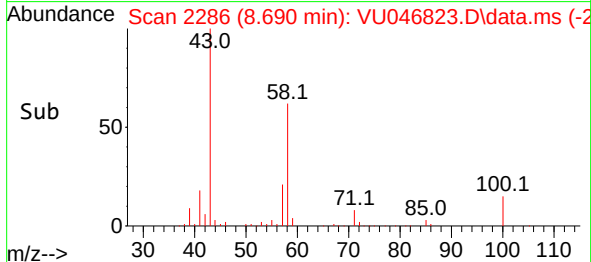
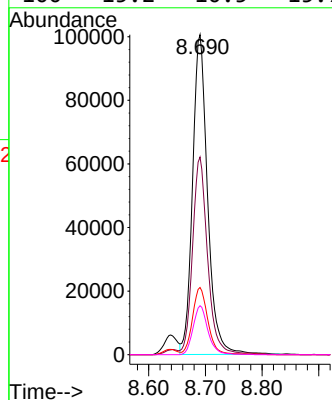
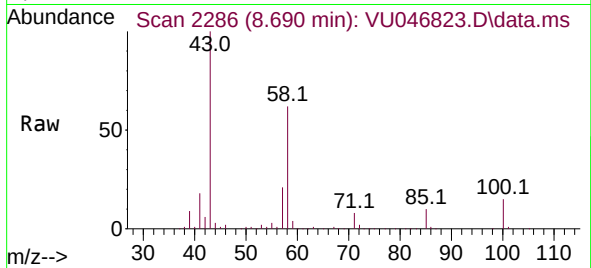




#48
2-Hexanone
Concen: 61.486 ug/L
RT: 8.690 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046823.D
Acq: 21 Jan 2022 13:02

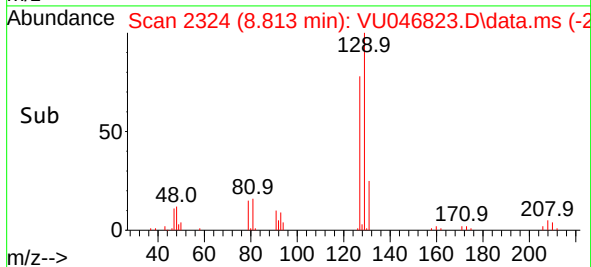
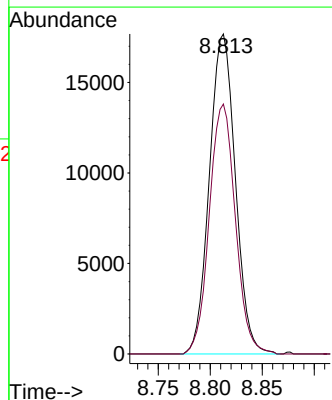
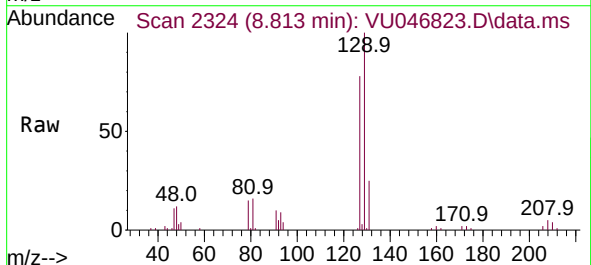
Instrument :
MSVOA_U
ClientSampleId :
YAXB2MS

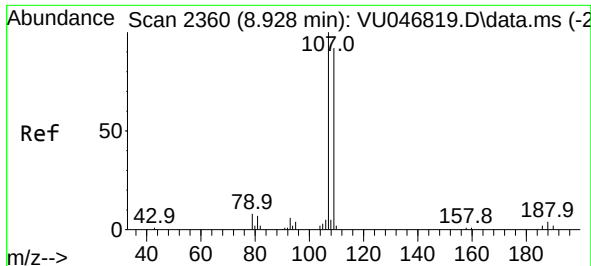
Tgt Ion:	43	Resp:	185061
Ion	Ratio	Lower	Upper
43	100		
58	60.5	46.7	70.1
57	21.0	16.3	24.5
100	15.2	10.5	15.7



#49
Dibromochloromethane
Concen: 5.641 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU046823.D
Acq: 21 Jan 2022 13:02

Tgt Ion:	129	Resp:	30791
Ion	Ratio	Lower	Upper
129	100		
127	78.1	55.4	102.8





#50

1,2-Dibromoethane

Concen: 5.771 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU046823.D

Acq: 21 Jan 2022 13:02

Instrument :

MSVOA_U

ClientSampleId :

YAXB2MS

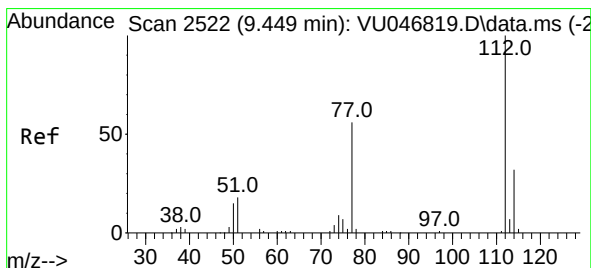
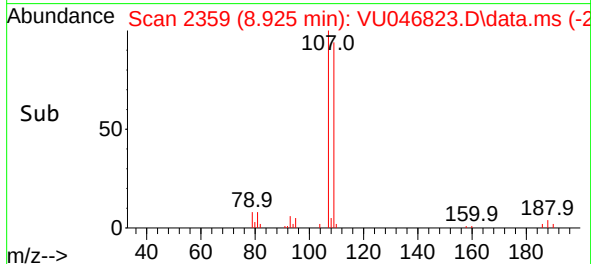
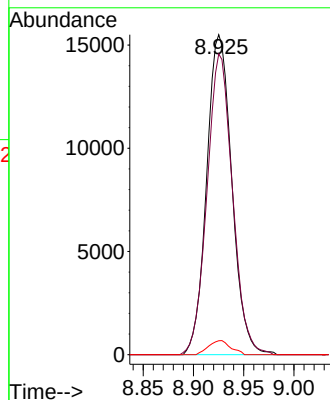
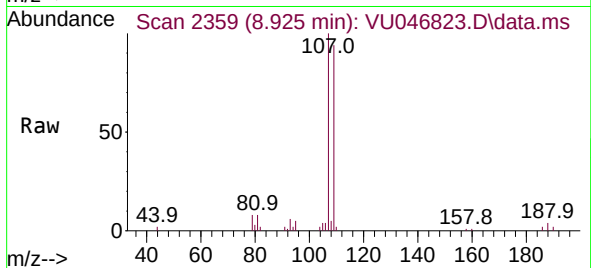
Tgt Ion:107 Resp: 27067

Ion Ratio Lower Upper

107 100

109 94.0 64.0 119.0

188 4.4 2.4 3.6#



#51

Chlorobenzene

Concen: 5.443 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.003 min

Lab File: VU046823.D

Acq: 21 Jan 2022 13:02

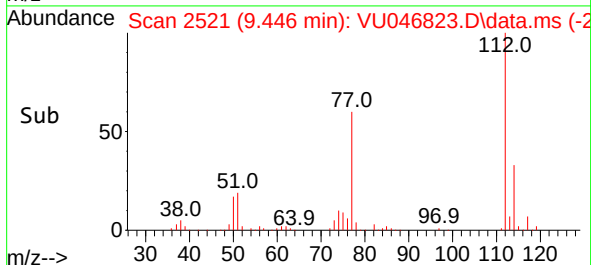
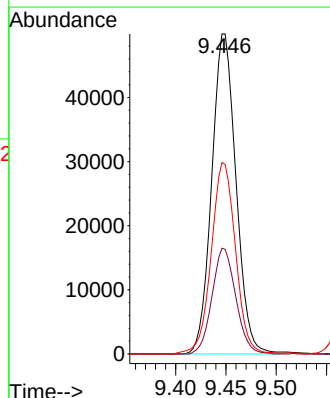
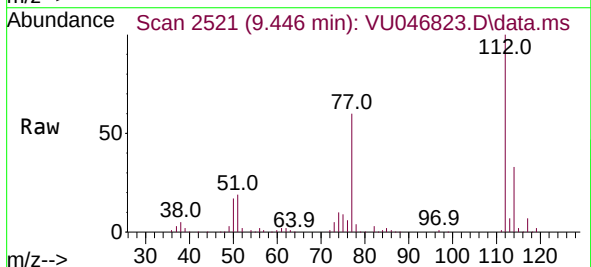
Tgt Ion:112 Resp: 83776

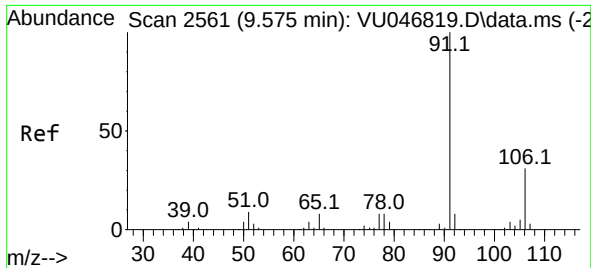
Ion Ratio Lower Upper

112 100

114 33.0 22.1 41.1

77 59.8 48.3 72.5

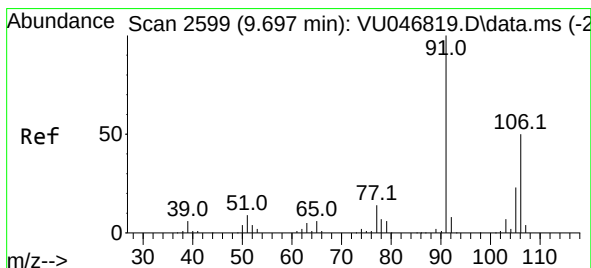
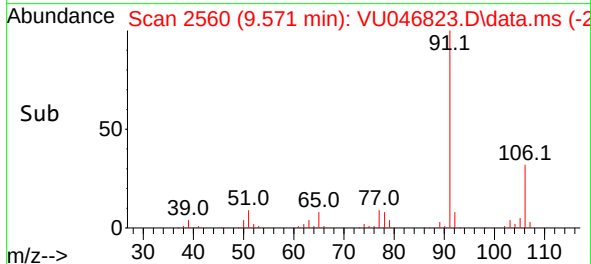
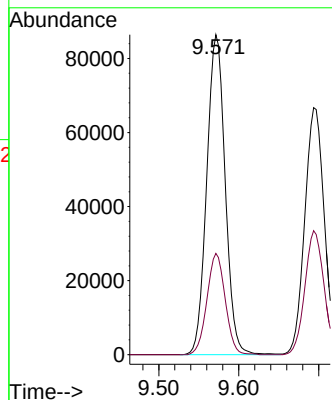
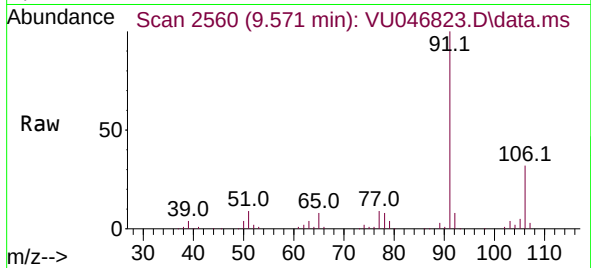




#52
Ethylbenzene
Concen: 5.509 ug/L
RT: 9.571 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU046823.D
Acq: 21 Jan 2022 13:02

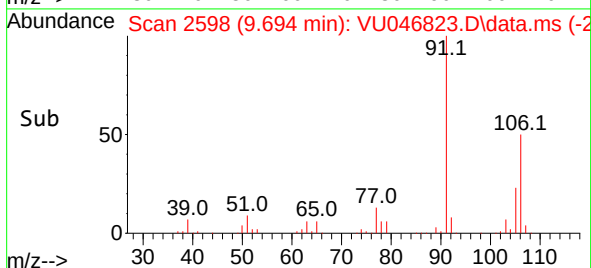
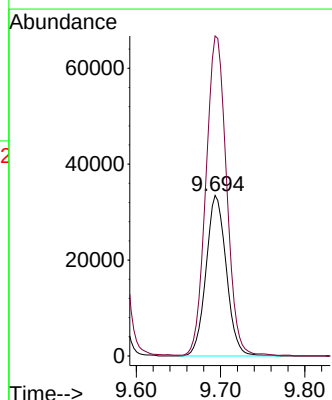
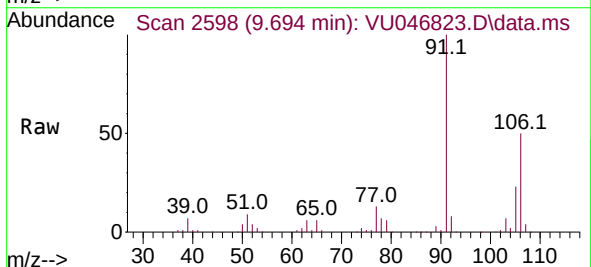
Instrument :
MSVOA_U
ClientSampleId :
YAXB2MS

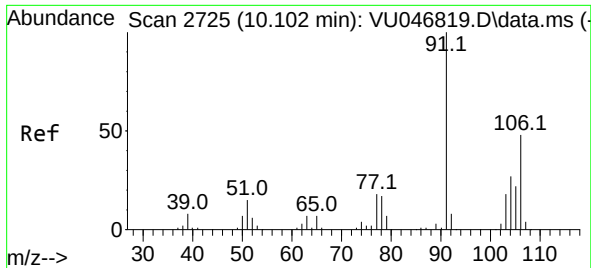
Tgt Ion: 91 Resp: 138803
Ion Ratio Lower Upper
91 100
106 31.7 21.5 39.9



#53
m,p-Xylene
Concen: 5.578 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU046823.D
Acq: 21 Jan 2022 13:02

Tgt Ion:106 Resp: 56021
Ion Ratio Lower Upper
106 100
91 199.3 139.4 259.0

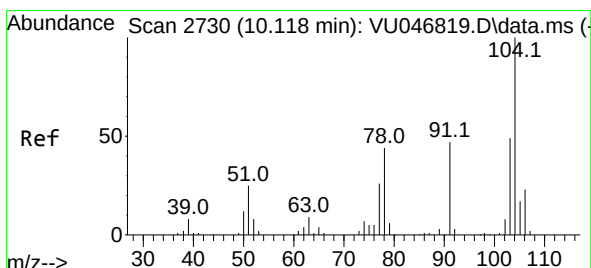
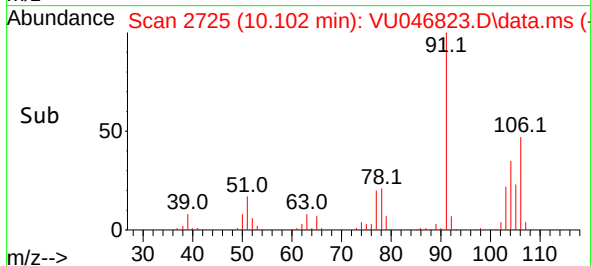
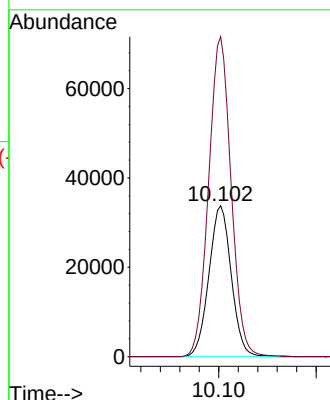
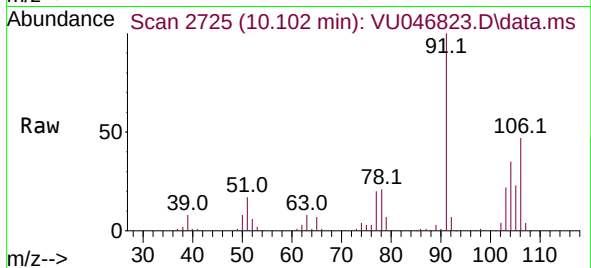




#54
o-Xylene
Concen: 5.528 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU046823.D
Acq: 21 Jan 2022 13:02

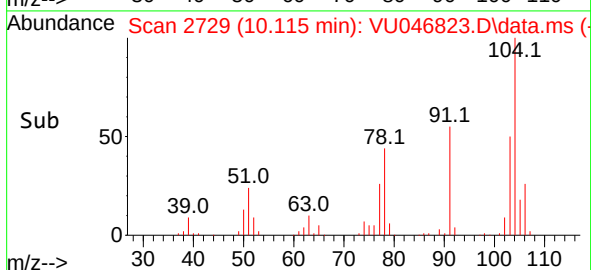
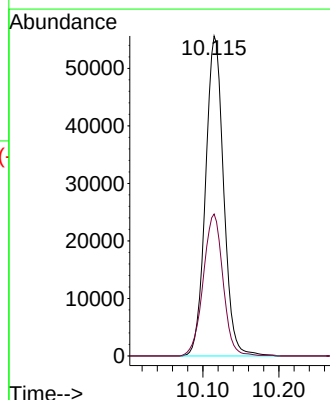
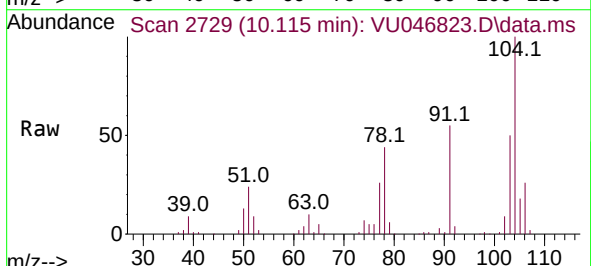
Instrument :
MSVOA_U
ClientSampleId :
YAXB2MS

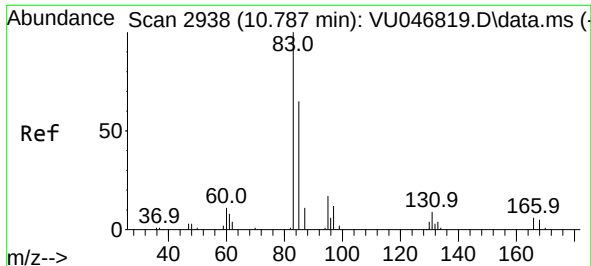
Tgt Ion:106 Resp: 53824
Ion Ratio Lower Upper
106 100
91 212.1 147.5 273.9



#55
Styrene
Concen: 5.773 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU046823.D
Acq: 21 Jan 2022 13:02

Tgt Ion:104 Resp: 91943
Ion Ratio Lower Upper
104 100
78 44.4 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 6.137 ug/L

RT: 10.784 min Scan# 2937

Delta R.T. -0.003 min

Lab File: VU046823.D

Acq: 21 Jan 2022 13:02

Instrument :

MSVOA_U

ClientSampleId :

YAXB2MS

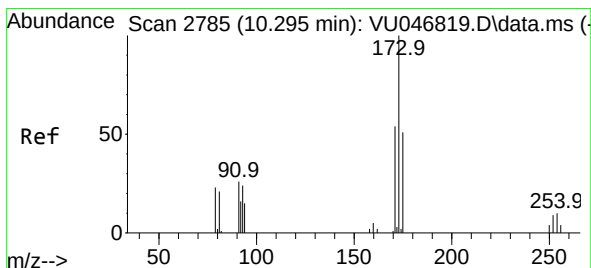
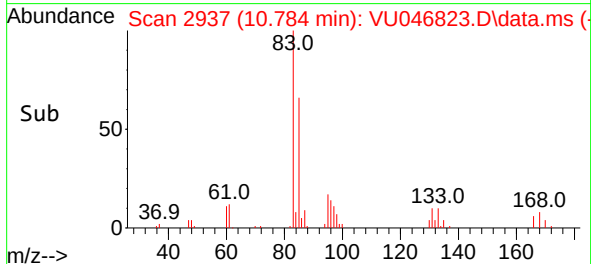
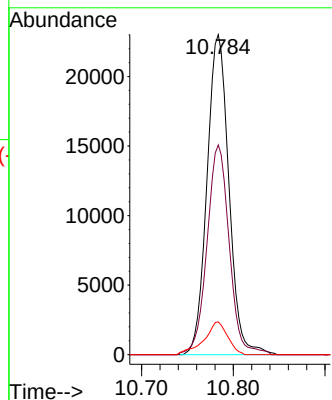
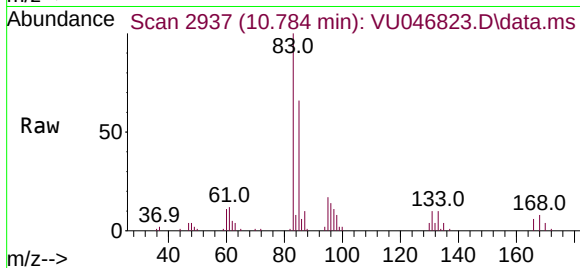
Tgt Ion: 83 Resp: 38190

Ion Ratio Lower Upper

83 100

85 65.5 47.9 89.1

131 10.3 8.1 12.1



#59

Bromoform

Concen: 5.798 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. -0.003 min

Lab File: VU046823.D

Acq: 21 Jan 2022 13:02

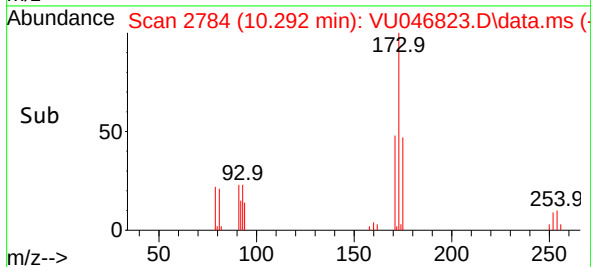
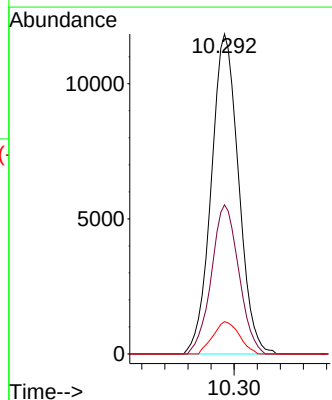
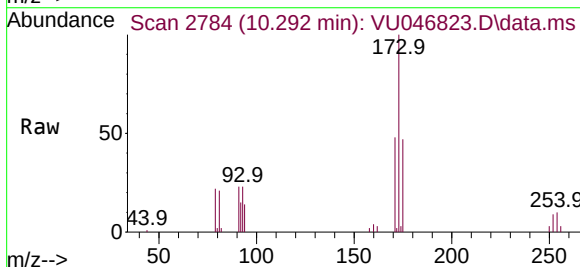
Tgt Ion:173 Resp: 19413

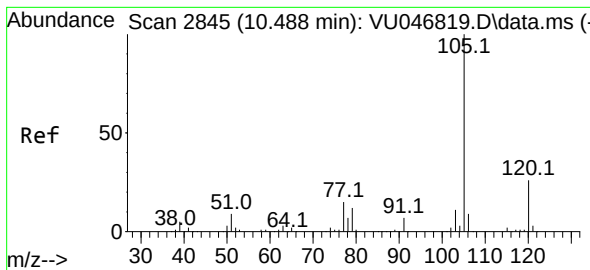
Ion Ratio Lower Upper

173 100

175 46.8 37.8 56.6

254 9.7 7.3 10.9





#60

Isopropylbenzene

Concen: 5.582 ug/L

RT: 10.485 min Scan# 2845

Delta R.T. -0.003 min

Lab File: VU046823.D

Acq: 21 Jan 2022 13:02

Instrument :

MSVOA_U

ClientSampleId :

YAXB2MS

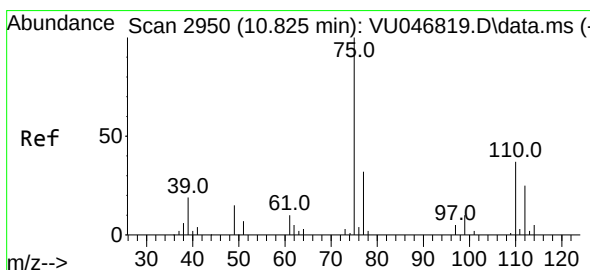
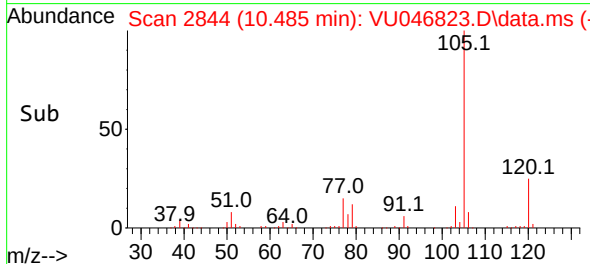
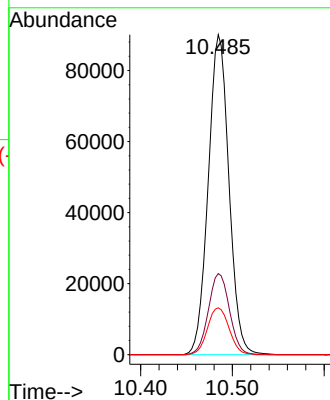
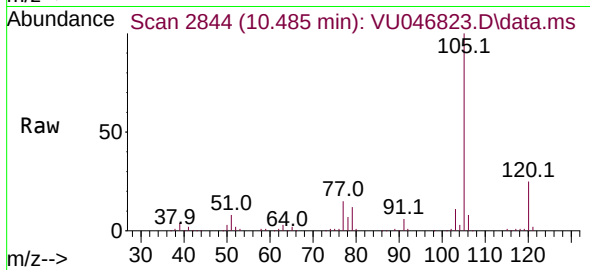
Tgt Ion:105 Resp: 141383

Ion Ratio Lower Upper

105 100

120 25.9 20.7 31.1

77 15.3 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 6.187 ug/L

RT: 10.822 min Scan# 2949

Delta R.T. -0.003 min

Lab File: VU046823.D

Acq: 21 Jan 2022 13:02

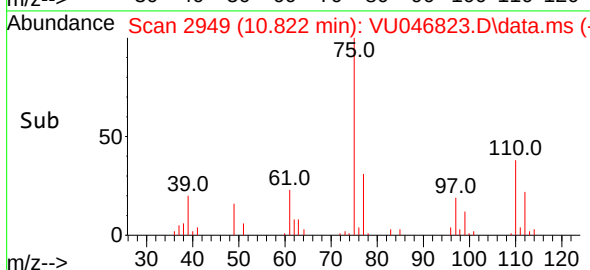
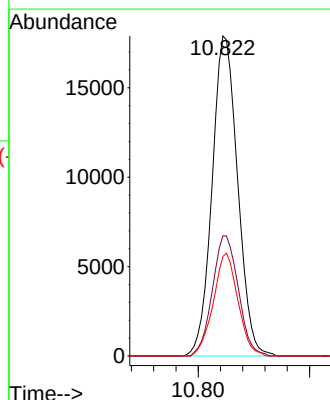
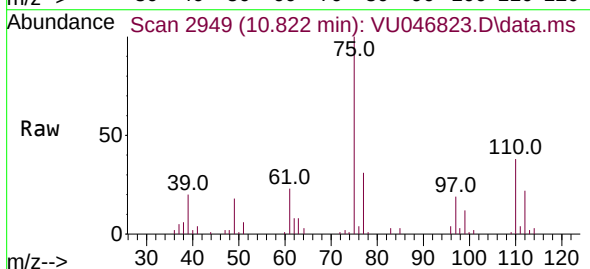
Tgt Ion: 75 Resp: 28503

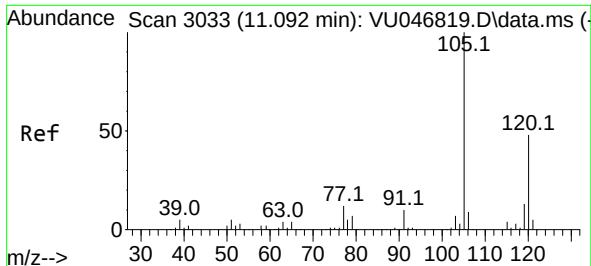
Ion Ratio Lower Upper

75 100

110 38.1 29.9 44.9

77 30.9 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 5.412 ug/L

RT: 11.089 min Scan# 3033

Delta R.T. -0.003 min

Lab File: VU046823.D

Acq: 21 Jan 2022 13:02

Instrument :

MSVOA_U

ClientSampleId :

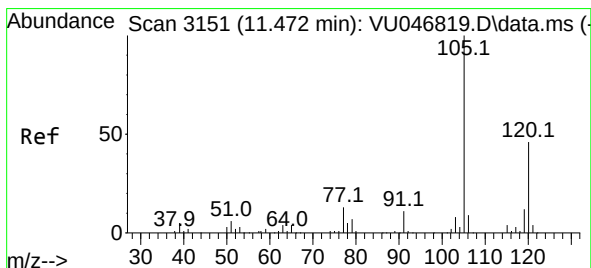
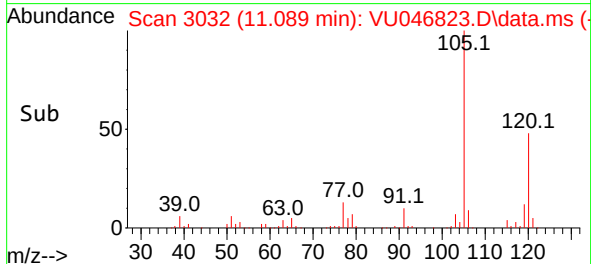
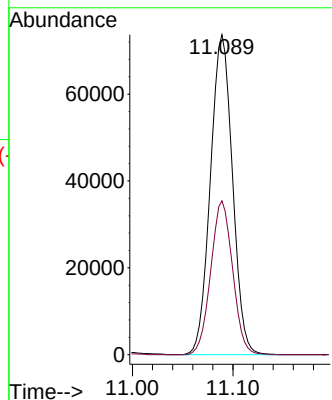
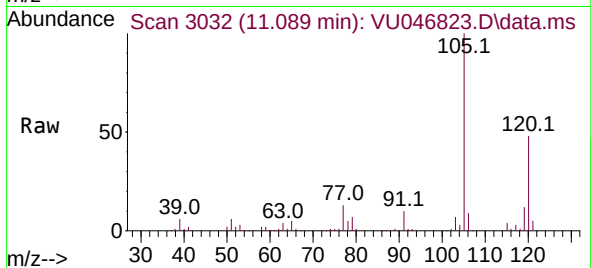
YAXB2MS

Tgt Ion:105 Resp: 112526

Ion Ratio Lower Upper

105 100

120 47.5 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 5.474 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.003 min

Lab File: VU046823.D

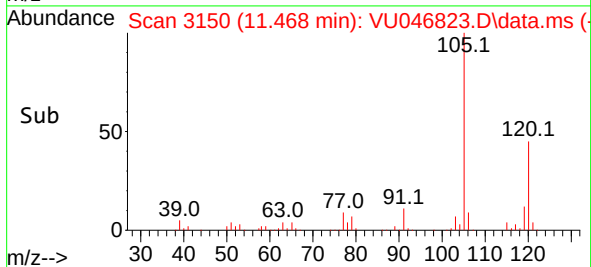
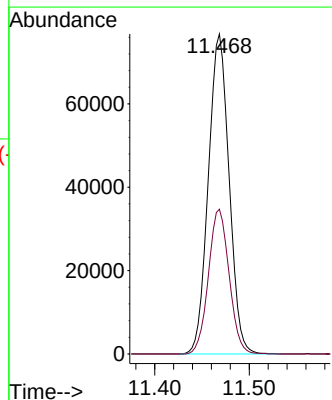
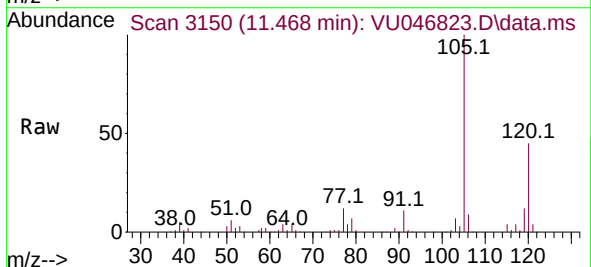
Acq: 21 Jan 2022 13:02

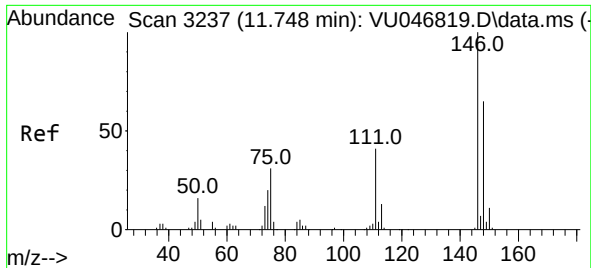
Tgt Ion:105 Resp: 117102

Ion Ratio Lower Upper

105 100

120 45.0 35.8 53.8

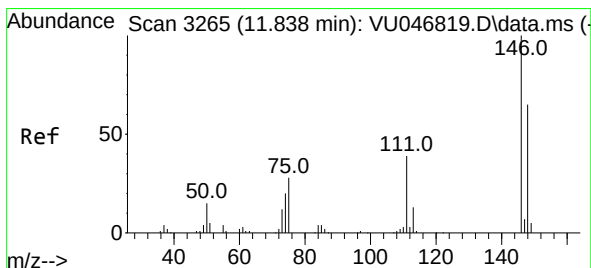
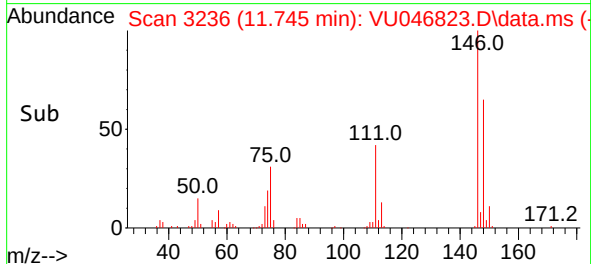
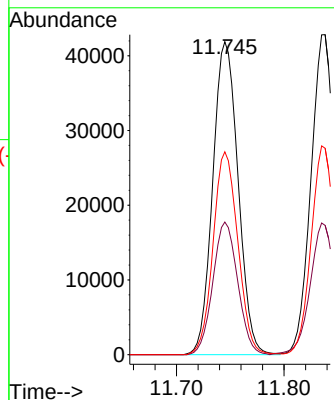
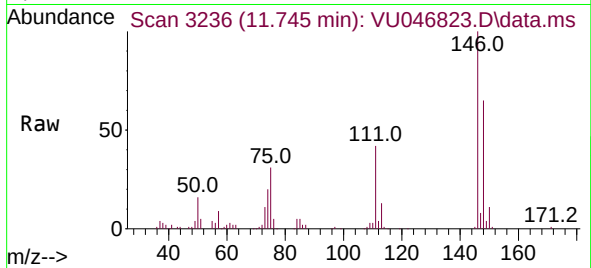




#64
1,3-Dichlorobenzene
Concen: 5.411 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU046823.D
Acq: 21 Jan 2022 13:02

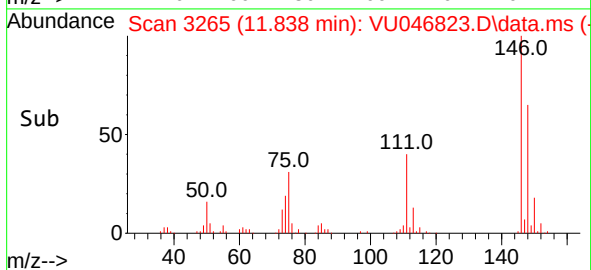
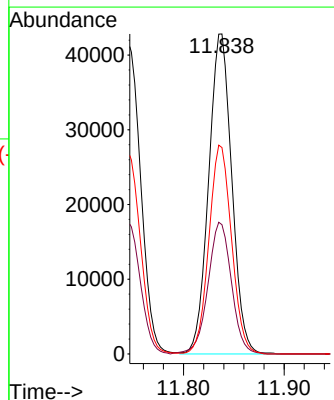
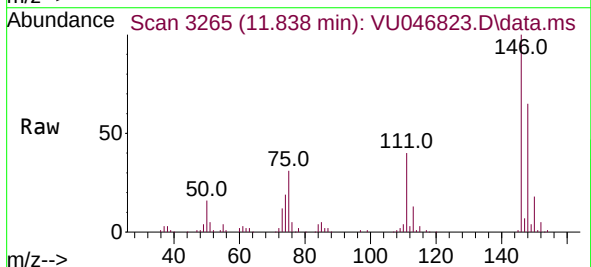
Instrument :
MSVOA_U
ClientSampleId :
YAXB2MS

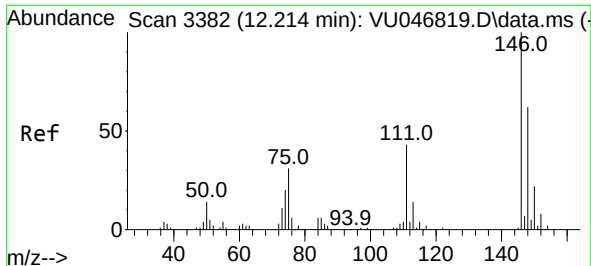
Tgt Ion:146 Resp: 68510
Ion Ratio Lower Upper
146 100
111 42.4 29.9 55.5
148 64.9 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.373 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU046823.D
Acq: 21 Jan 2022 13:02

Tgt Ion:146 Resp: 68462
Ion Ratio Lower Upper
146 100
111 40.4 28.7 53.3
148 64.5 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 5.471 ug/L

RT: 12.211 min Scan# 3382

Delta R.T. -0.003 min

Lab File: VU046823.D

Acq: 21 Jan 2022 13:02

Instrument :

MSVOA_U

ClientSampleId :

YAXB2MS

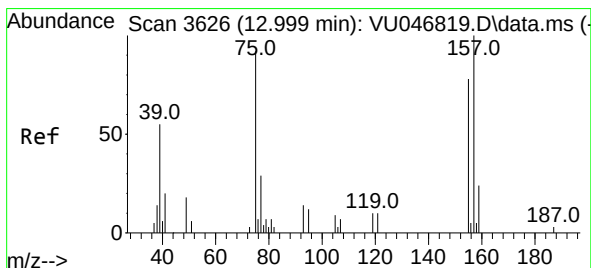
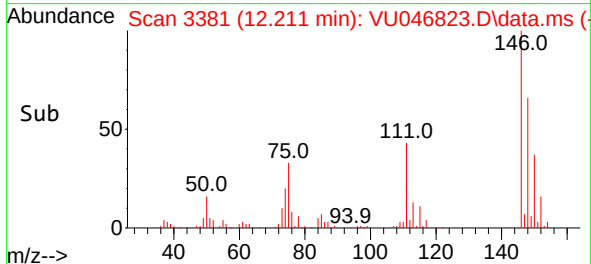
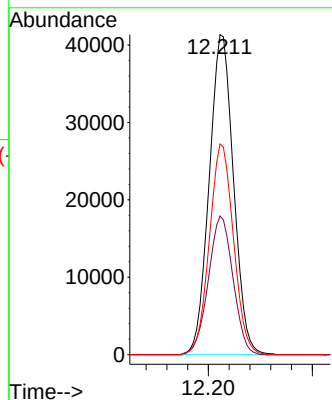
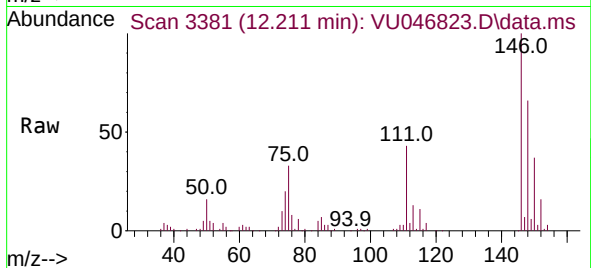
Tgt Ion:146 Resp: 66997

Ion Ratio Lower Upper

146 100

111 43.4 35.4 53.0

148 65.9 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 6.041 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU046823.D

Acq: 21 Jan 2022 13:02

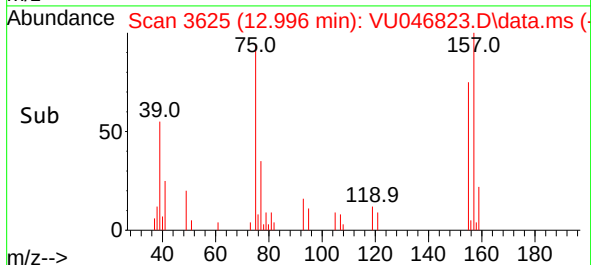
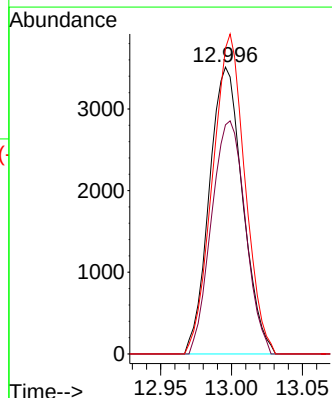
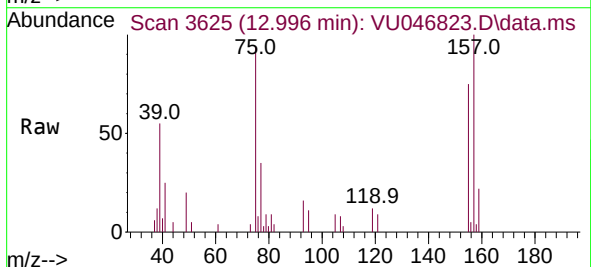
Tgt Ion: 75 Resp: 5777

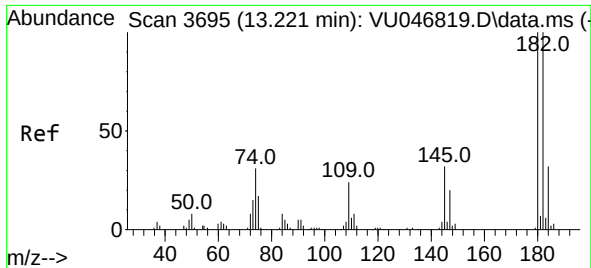
Ion Ratio Lower Upper

75 100

155 79.9 59.2 88.8

157 106.6 76.5 114.7

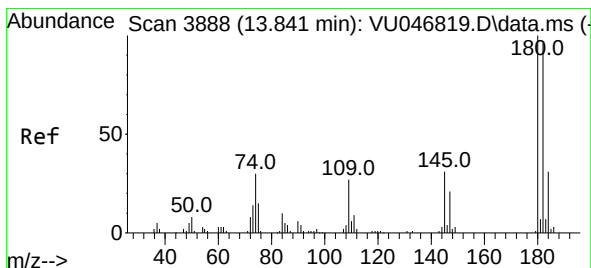
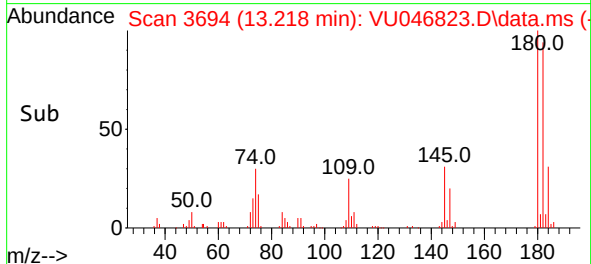
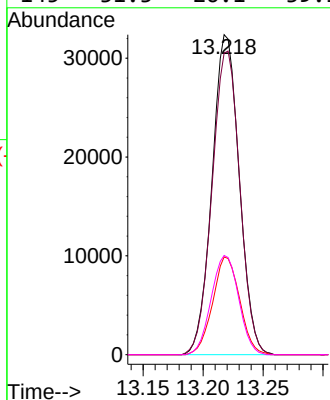
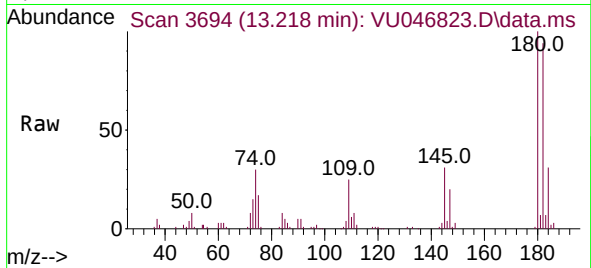




#69
 1,3,5-Trichlorobenzene
 Concen: 5.110 ug/L
 RT: 13.218 min Scan# 3694
 Delta R.T. -0.003 min
 Lab File: VU046823.D
 Acq: 21 Jan 2022 13:02

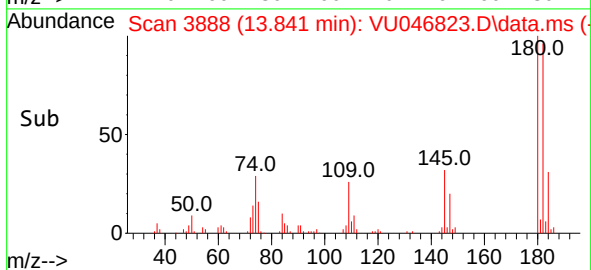
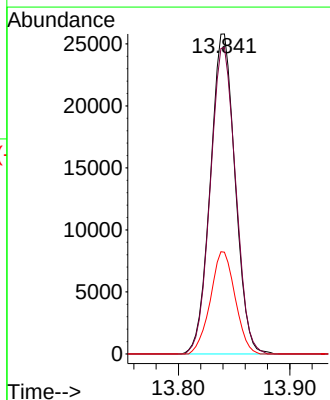
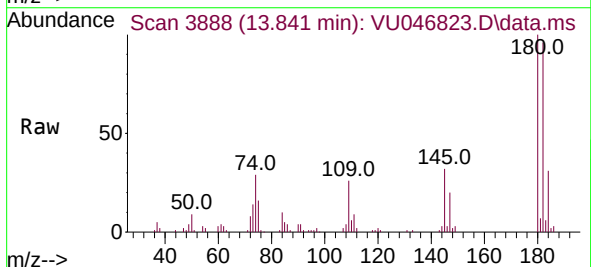
Instrument :
 MSVOA_U
 ClientSampleId :
 YAXB2MS

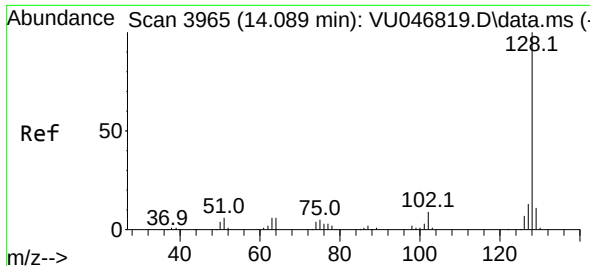
Tgt Ion:	180	Resp:	51004
Ion Ratio	Lower	Upper	
180	100		
182	96.8	76.1	114.1
184	30.3	25.0	37.4
145	31.3	26.1	39.1



#70
 1,2,4-trichlorobenzene
 Concen: 4.781 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU046823.D
 Acq: 21 Jan 2022 13:02

Tgt Ion:	180	Resp:	39895
Ion Ratio	Lower	Upper	
180	100		
182	97.6	76.4	114.6
145	31.9	25.6	38.4

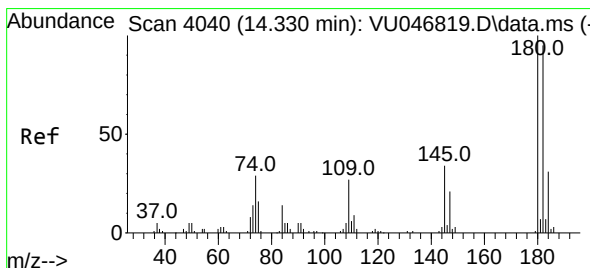
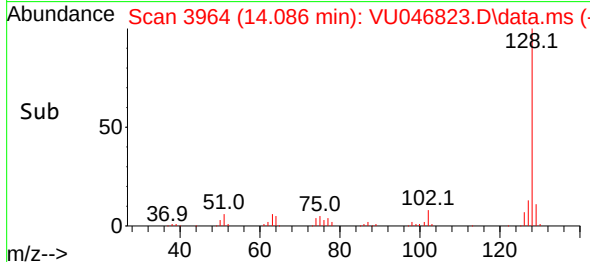
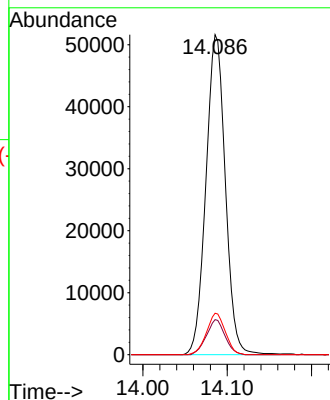
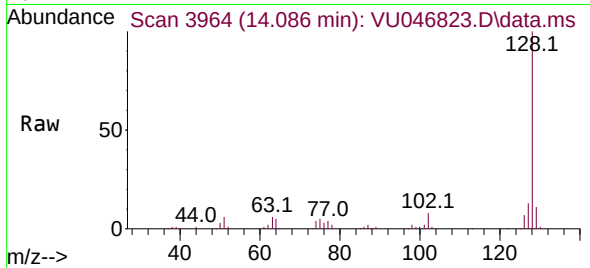




#71
Naphthalene
Concen: 4.863 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU046823.D
Acq: 21 Jan 2022 13:02

Instrument :
MSVOA_U
ClientSampleId :
YAXB2MS

Tgt Ion:128 Resp: 82612
Ion Ratio Lower Upper
128 100
129 10.5 8.4 12.6
127 12.6 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.098 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.003 min
Lab File: VU046823.D
Acq: 21 Jan 2022 13:02

Tgt Ion:180 Resp: 40187
Ion Ratio Lower Upper
180 100
182 96.0 76.2 114.4
145 32.7 28.4 42.6

