

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047451.D
 Acq On : 10 Mar 2022 11:10
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 11 00:18:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 10 03:57:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	146771	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	141971	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	77177	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	39526	4.965	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.400%
7) Chloroethane-d5	1.919	69	30389	5.200	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.000%
11) 1,1-Dichloroethene-d2	2.571	65	18040	5.131	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.600%
20) 2-Butanone-d5	4.645	46	77658	54.795	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.600%
24) Chloroform-d	5.067	84	68238	5.381	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.600%
26) 1,2-Dichloroethane-d4	5.706	65	33060	5.148	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	5.732	84	137088	5.133	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
36) 1,2-Dichloropropane-d6	6.693	67	40746	5.158	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.899	98	133642	5.091	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
43) trans-1,3-Dichloroprop...	8.182	79	16551	4.934	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.600%
46) 2-Hexanone-d5	8.636	63	78068	52.835	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.660%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	35744	5.192	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	51046	5.217	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	55957	5.092	ug/L	98
3) Chloromethane	1.523	50	53966	4.918	ug/L	98
5) Vinyl chloride	1.607	62	57232	5.302	ug/L	100
6) Bromomethane	1.861	94	17665	2.870	ug/L	100
8) Chloroethane	1.941	64	35882	5.473	ug/L	98
9) Trichlorofluoromethane	2.144	101	74203	5.217	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	44948	5.119	ug/L	97
12) 1,1-Dichloroethene	2.584	96	44852	5.205	ug/L	# 86
13) Acetone	2.661	43	68508	52.612	ug/L	93
14) Carbon disulfide	2.800	76	135518	5.123	ug/L	99
15) Methyl Acetate	2.964	43	19003	5.523	ug/L	100
16) Methylene chloride	3.054	84	53591	5.210	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	122111	5.495	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	48530	5.260	ug/L	99
19) 1,1-Dichloroethane	3.874	63	85709	5.462	ug/L	99
21) 2-Butanone	4.722	43	130712	55.742	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	54420	5.323	ug/L	98
23) Bromochloromethane	4.980	128	26829	5.493	ug/L	95
25) Chloroform	5.092	83	91341	5.376	ug/L	97

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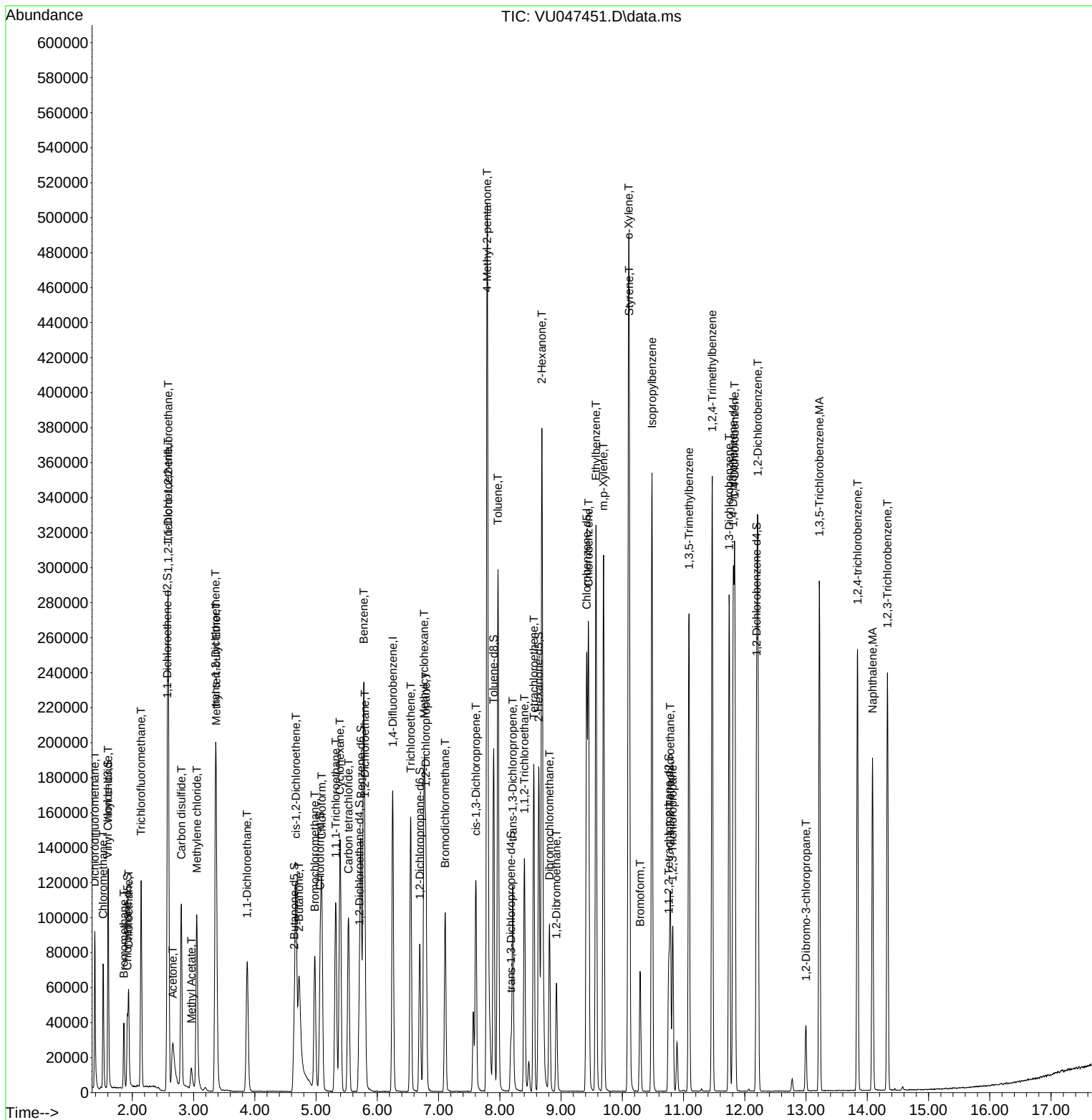
Instrument :
 MSVOA_U
 ClientSampleId :

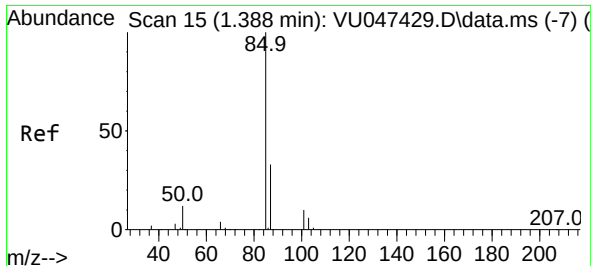
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	60494	5.531	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	79148	5.396	ug/L	98
30) Cyclohexane	5.391	56	72197	5.109	ug/L	99
31) Carbon tetrachloride	5.530	117	67870	5.268	ug/L	98
33) Benzene	5.777	78	202670	5.286	ug/L	100
34) Trichloroethene	6.546	95	53116	5.182	ug/L	99
35) Methylcyclohexane	6.764	83	75933	4.696	ug/L	99
37) 1,2-Dichloropropane	6.793	63	51862	5.431	ug/L	99
38) Bromodichloromethane	7.108	83	67497	5.324	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	72373	4.999	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	351994	54.074	ug/L	99
42) Toluene	7.970	91	222939	5.352	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	64163	4.914	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	42950	5.488	ug/L	97
47) Tetrachloroethene	8.555	164	43435	4.995	ug/L	97
48) 2-Hexanone	8.687	43	259976	55.048	ug/L	99
49) Dibromochloromethane	8.812	129	50544	5.317	ug/L	99
50) 1,2-Dibromoethane	8.925	107	41873	5.258	ug/L	98
51) Chlorobenzene	9.449	112	146620	5.262	ug/L	99
52) Ethylbenzene	9.571	91	233027	5.166	ug/L	99
53) m,p-Xylene	9.693	106	91239	5.156	ug/L	98
54) o-Xylene	10.102	106	89941	5.246	ug/L	96
55) Styrene	10.115	104	151701	5.234	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	55560	5.304	ug/L	99
59) Bromoform	10.291	173	32296	5.558	ug/L	100
60) Isopropylbenzene	10.484	105	230599	5.340	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	39624	5.543	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	148702	5.250	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	191614	5.215	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	120678	5.273	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	120229	5.173	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	117530	5.344	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	9196	5.706	ug/L	95
69) 1,3,5-Trichlorobenzene	13.217	180	93600	4.986	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	84005	5.021	ug/L	99
71) Naphthalene	14.085	128	153563	5.131	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	78631	5.125	ug/L	100

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

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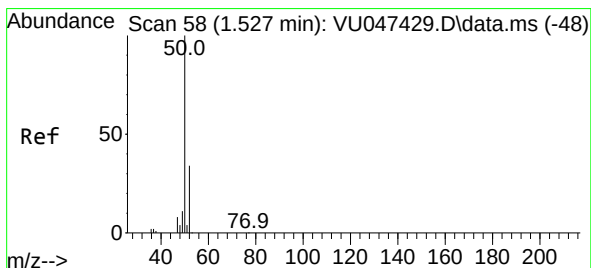
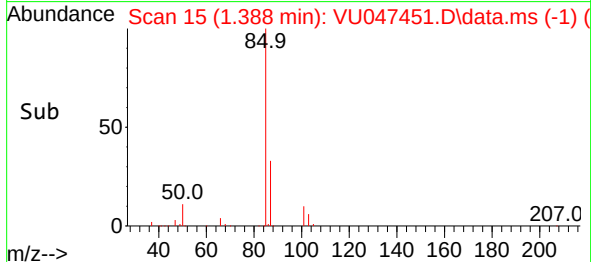
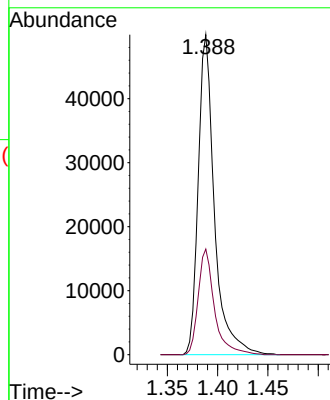
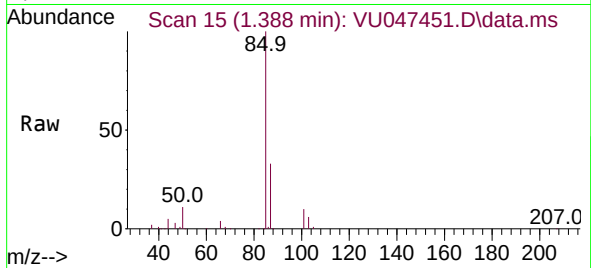




#2
Dichlorodifluoromethane
Concen: 5.092 ug/L
RT: 1.388 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047451.D
Acq: 10 Mar 2022 11:10

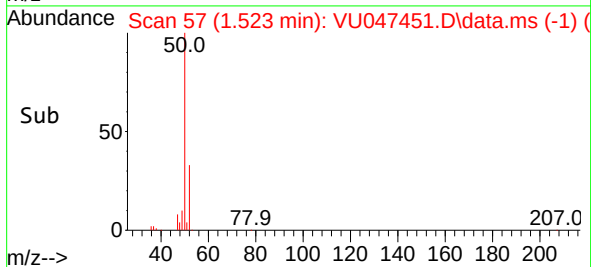
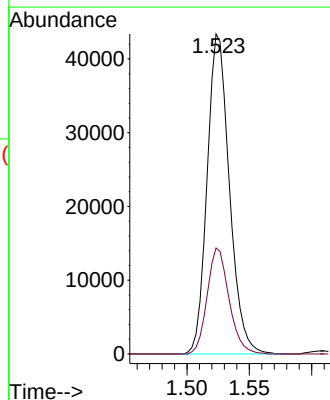
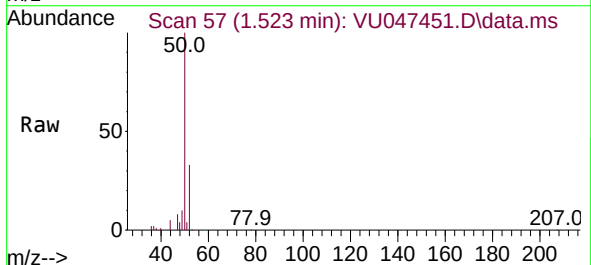
Instrument :
MSVOA_U
ClientSampleId :

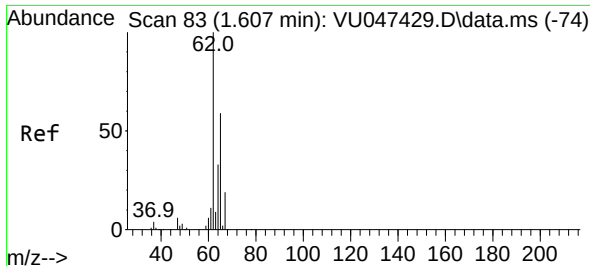
Tgt Ion: 85 Resp: 55957
Ion Ratio Lower Upper
85 100
87 33.2 25.6 38.4



#3
Chloromethane
Concen: 4.918 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.003 min
Lab File: VU047451.D
Acq: 10 Mar 2022 11:10

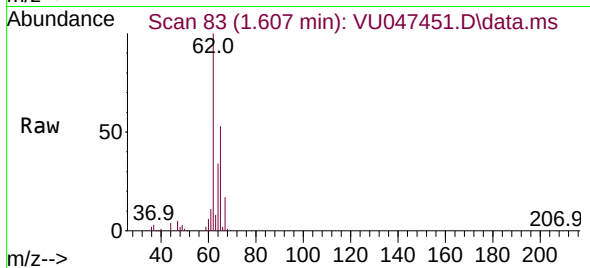
Tgt Ion: 50 Resp: 53966
Ion Ratio Lower Upper
50 100
52 33.1 22.5 41.9



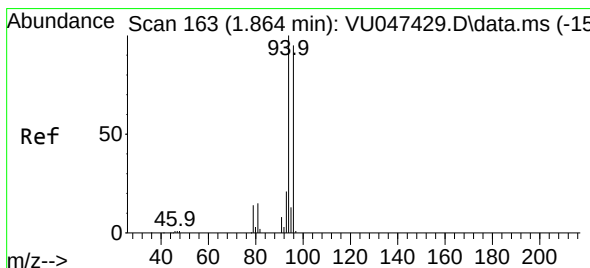
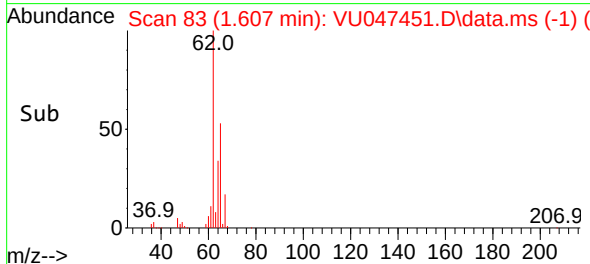
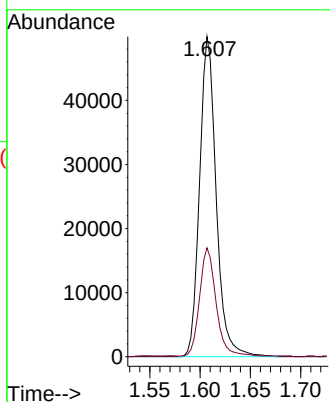


#5
 Vinyl chloride
 Concen: 5.302 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU047451.D
 Acq: 10 Mar 2022 11:10

Instrument :
 MSVOA_U
 ClientSampleId :

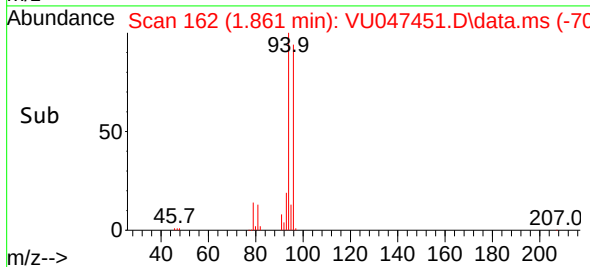
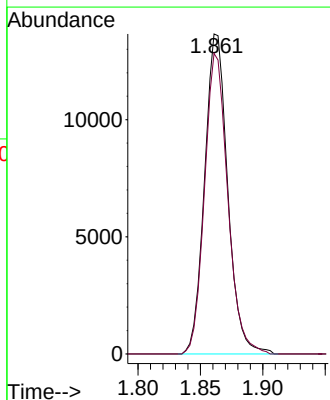
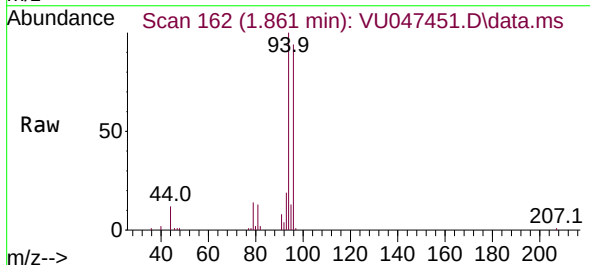


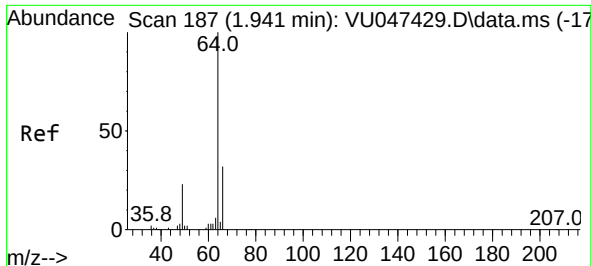
Tgt Ion: 62 Resp: 57232
 Ion Ratio Lower Upper
 62 100
 64 34.0 23.7 43.9



#6
 Bromomethane
 Concen: 2.870 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.003 min
 Lab File: VU047451.D
 Acq: 10 Mar 2022 11:10

Tgt Ion: 94 Resp: 17665
 Ion Ratio Lower Upper
 94 100
 96 93.9 65.6 121.8

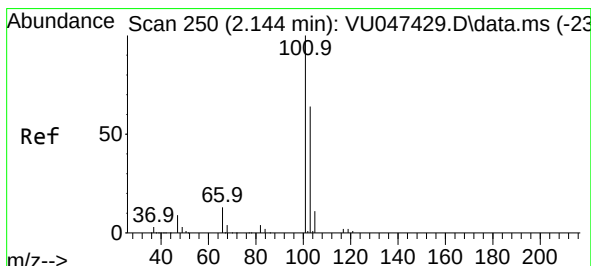
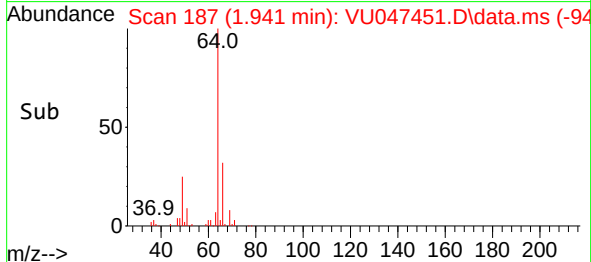
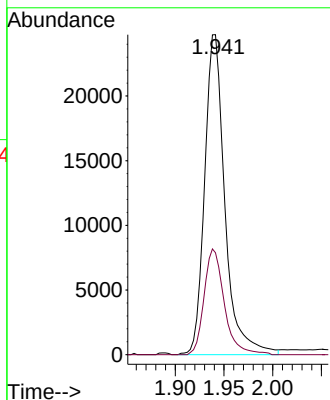
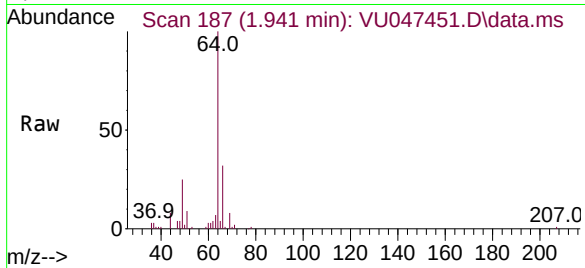




#8
Chloroethane
Concen: 5.473 ug/L
RT: 1.941 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047451.D
Acq: 10 Mar 2022 11:10

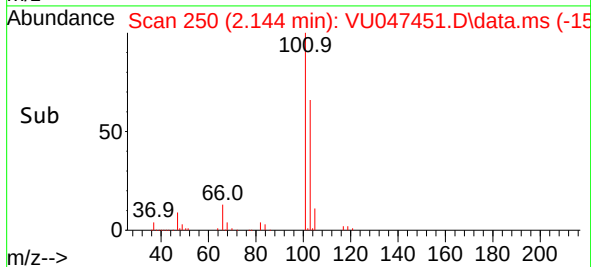
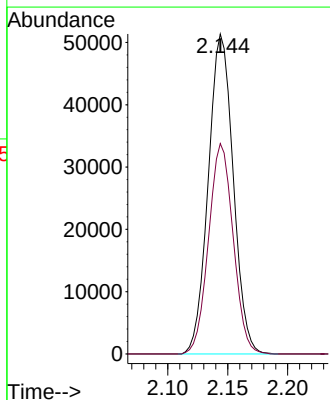
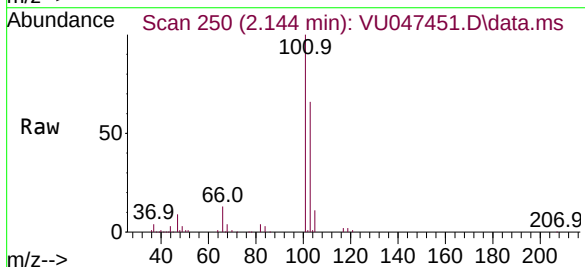
Instrument :
MSVOA_U
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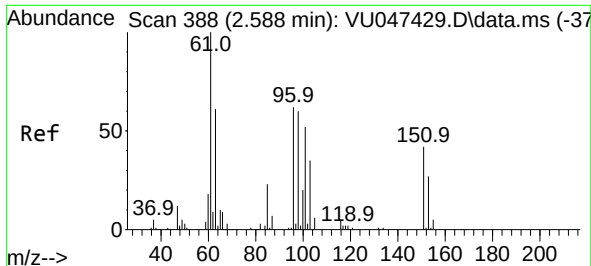
Tgt Ion: 64 Resp: 35882
Ion Ratio Lower Upper
64 100
66 31.8 22.9 42.5



#9
Trichlorofluoromethane
Concen: 5.217 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU047451.D
Acq: 10 Mar 2022 11:10

Tgt Ion: 101 Resp: 74203
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.8

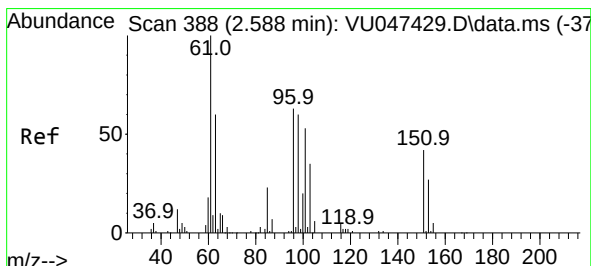
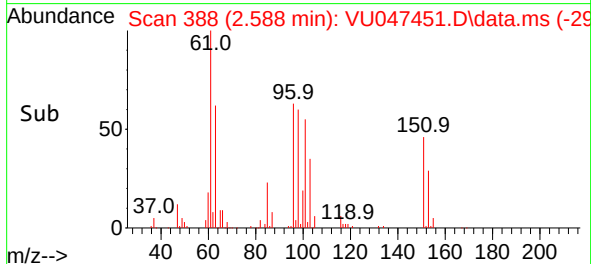
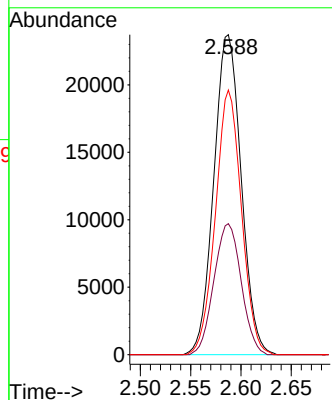
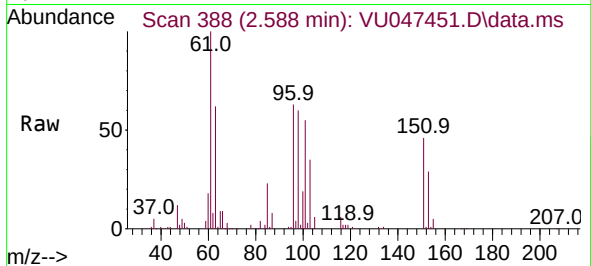




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.119 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU047451.D
 Acq: 10 Mar 2022 11:10

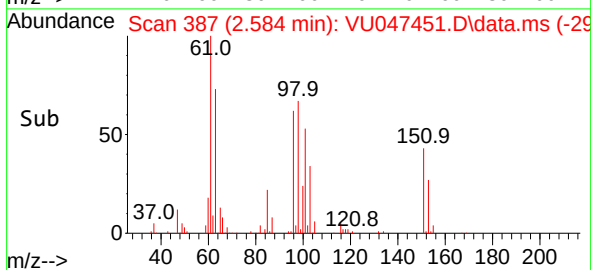
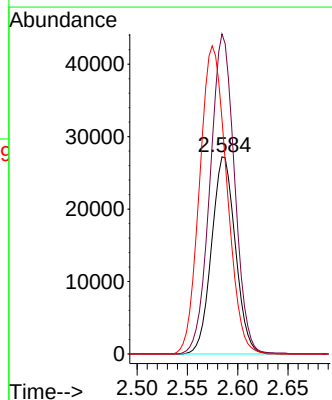
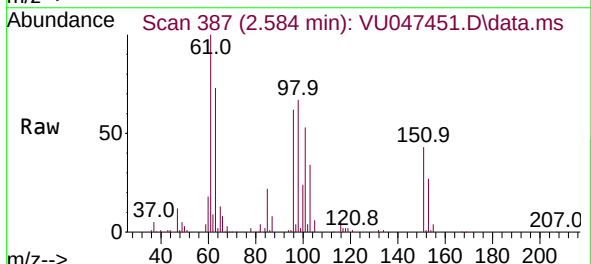
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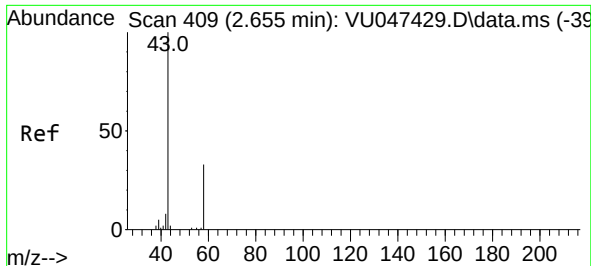
Tgt Ion:101 Resp: 44948
 Ion Ratio Lower Upper
 101 100
 85 40.8 33.8 50.6
 151 78.6 64.8 97.2



#12
 1,1-Dichloroethene
 Concen: 5.205 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU047451.D
 Acq: 10 Mar 2022 11:10

Tgt Ion: 96 Resp: 44852
 Ion Ratio Lower Upper
 96 100
 61 162.3 108.8 202.0
 63 119.2 64.0 119.0#





#13

Acetone

Concen: 52.612 ug/L

RT: 2.661 min Scan# 411

Delta R.T. 0.006 min

Lab File: VU047451.D

Acq: 10 Mar 2022 11:10

Instrument :

MSVOA_U

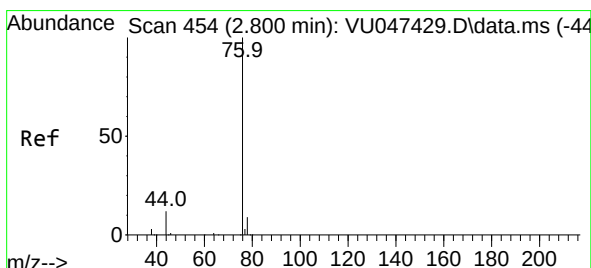
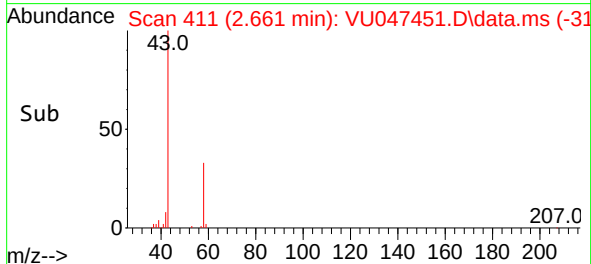
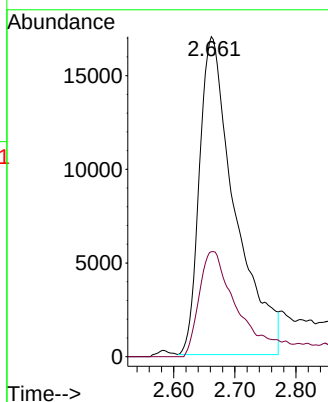
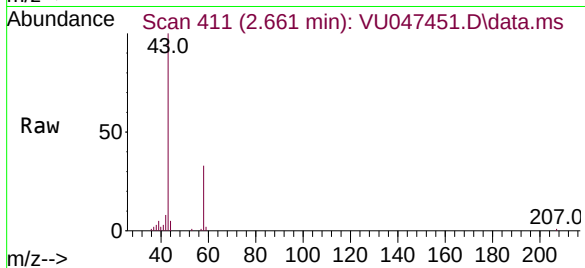
ClientSampleId :

Tgt Ion: 43 Resp: 68508

Ion Ratio Lower Upper

43 100

58 32.4 0.0 72.6



#14

Carbon disulfide

Concen: 5.123 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU047451.D

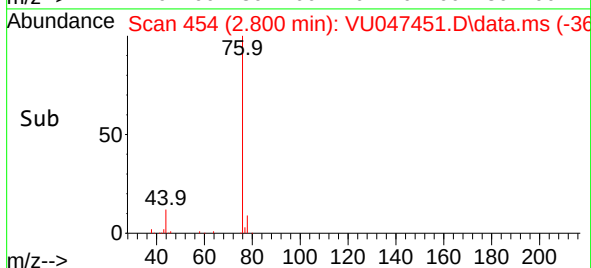
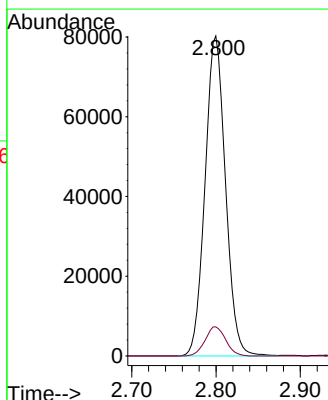
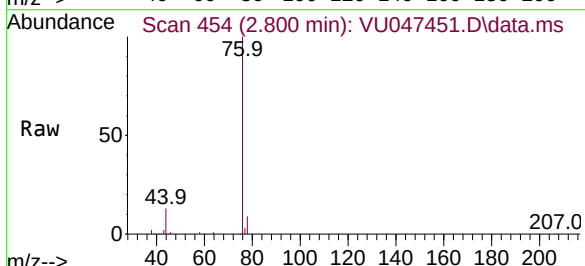
Acq: 10 Mar 2022 11:10

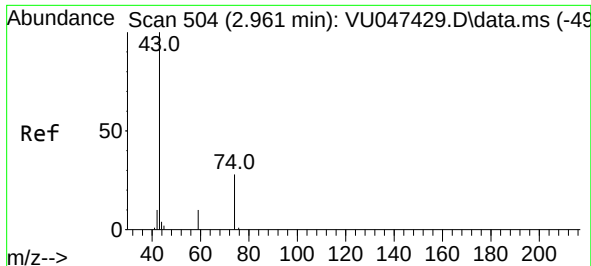
Tgt Ion: 76 Resp: 135518

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

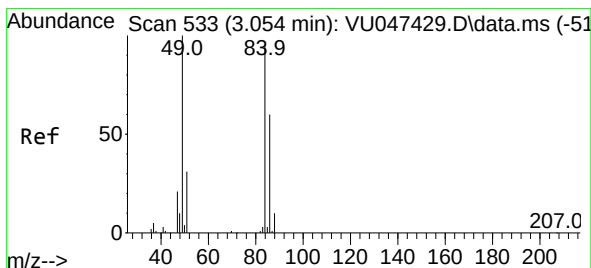
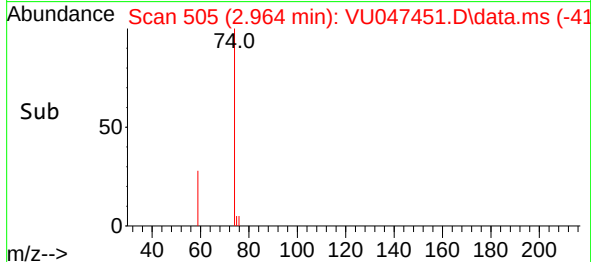
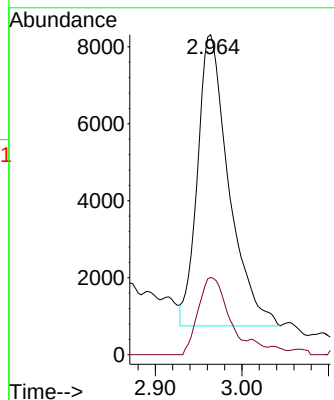
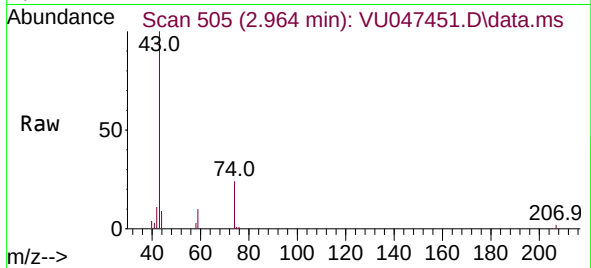




#15
Methyl Acetate
Concen: 5.523 ug/L
RT: 2.964 min Scan# 504
Delta R.T. 0.003 min
Lab File: VU047451.D
Acq: 10 Mar 2022 11:10

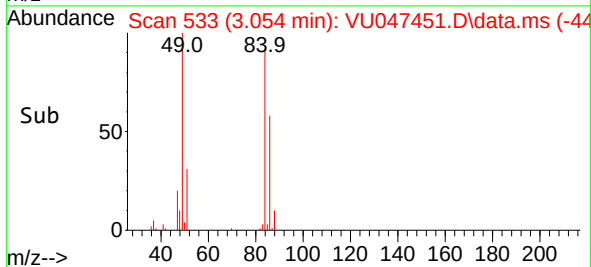
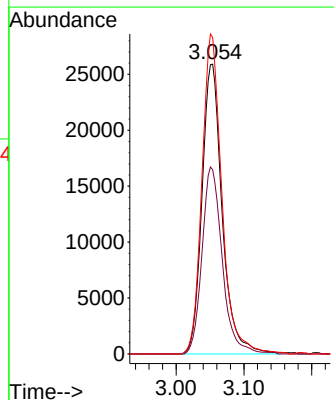
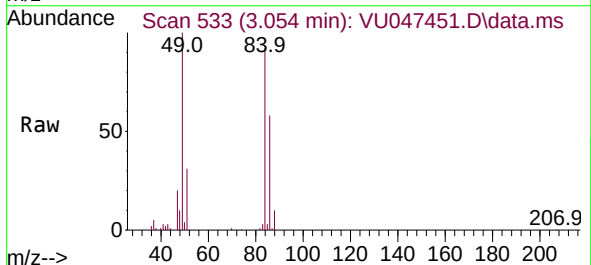
Instrument :
MSVOA_U
ClientSampleId :

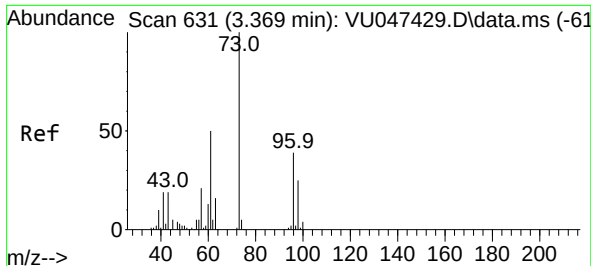
Tgt Ion: 43 Resp: 19003
Ion Ratio Lower Upper
43 100
74 25.2 20.2 30.2



#16
Methylene chloride
Concen: 5.210 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU047451.D
Acq: 10 Mar 2022 11:10

Tgt Ion: 84 Resp: 53591
Ion Ratio Lower Upper
84 100
86 63.5 45.9 85.3
49 109.1 76.4 141.8





#17

Methyl tert-butyl Ether

Concen: 5.495 ug/L

RT: 3.369 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU047451.D

Acq: 10 Mar 2022 11:10

Instrument :

MSVOA_U

ClientSampleId :

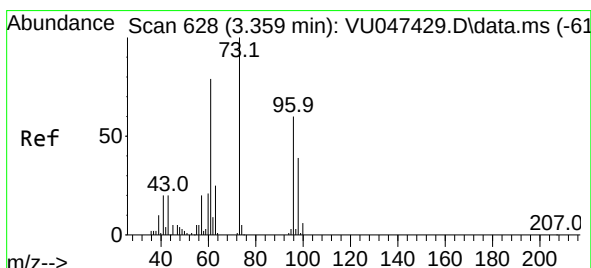
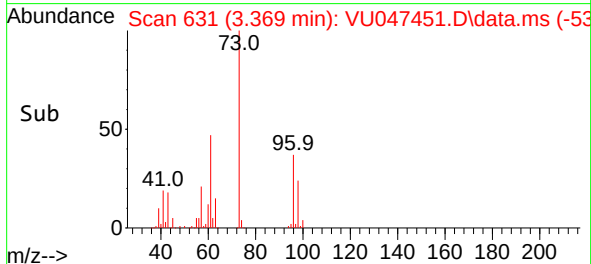
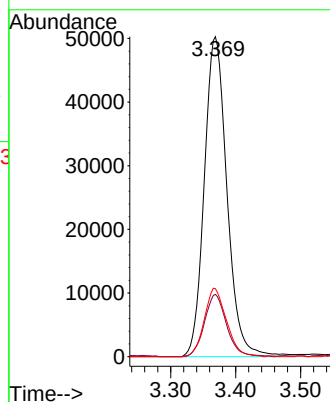
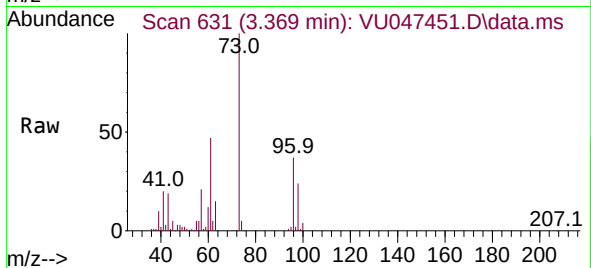
Tgt Ion: 73 Resp: 122111

Ion Ratio Lower Upper

73 100

43 19.1 14.6 22.0

57 20.8 16.5 24.7



#18

trans-1,2-Dichloroethene

Concen: 5.260 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.000 min

Lab File: VU047451.D

Acq: 10 Mar 2022 11:10

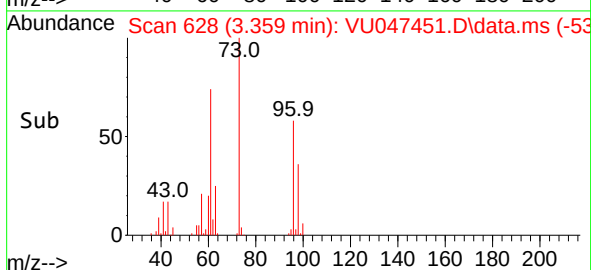
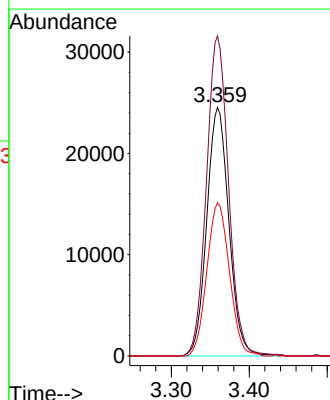
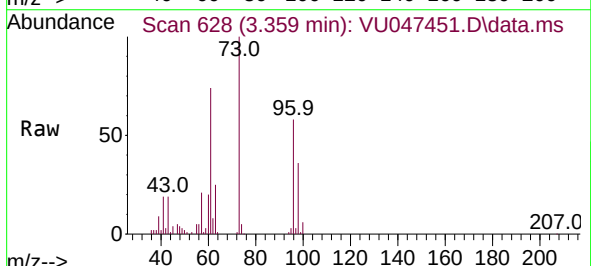
Tgt Ion: 96 Resp: 48530

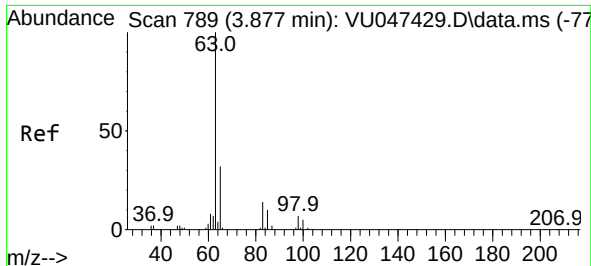
Ion Ratio Lower Upper

96 100

61 128.7 90.4 167.8

98 61.6 45.0 83.6





#19

1,1-Dichloroethane

Concen: 5.462 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.003 min

Lab File: VU047451.D

Acq: 10 Mar 2022 11:10

Instrument :

MSVOA_U

ClientSampleId :

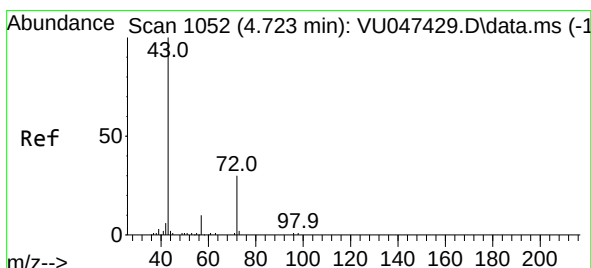
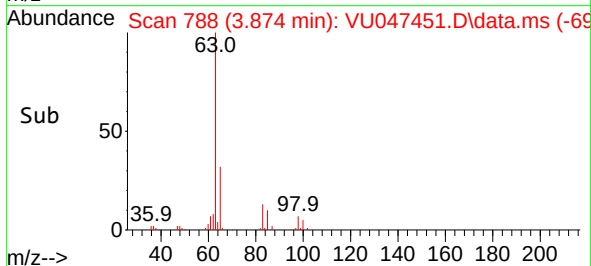
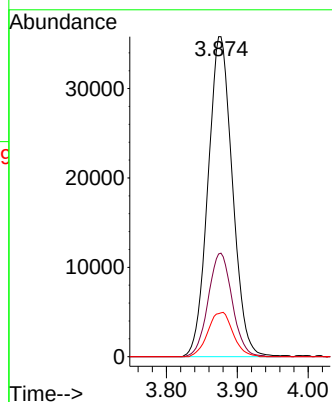
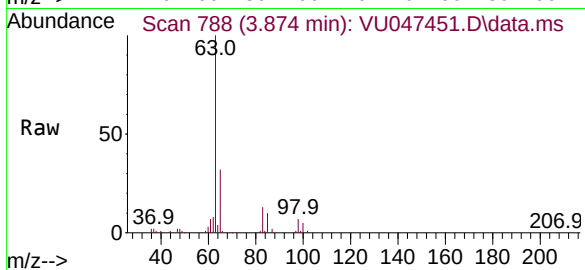
Tgt Ion: 63 Resp: 85709

Ion Ratio Lower Upper

63 100

65 32.1 22.8 42.4

83 13.5 9.9 18.3



#21

2-Butanone

Concen: 55.742 ug/L

RT: 4.722 min Scan# 1052

Delta R.T. -0.000 min

Lab File: VU047451.D

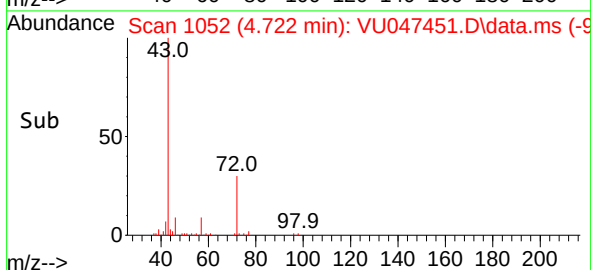
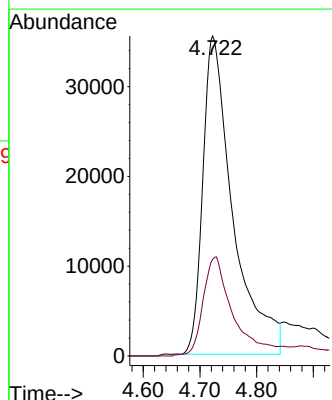
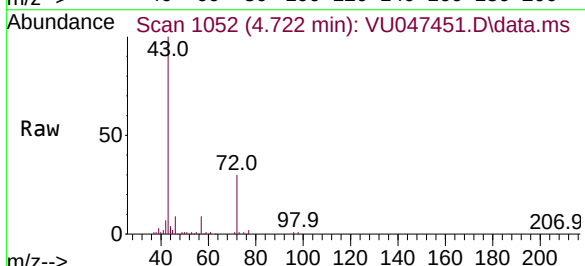
Acq: 10 Mar 2022 11:10

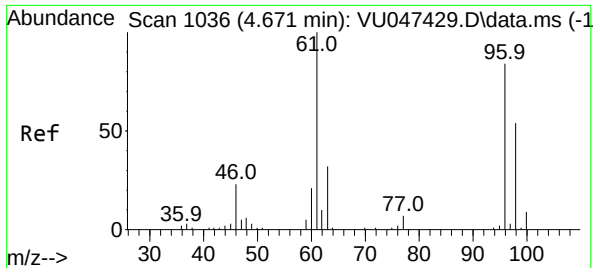
Tgt Ion: 43 Resp: 130712

Ion Ratio Lower Upper

43 100

72 30.8 14.7 44.1

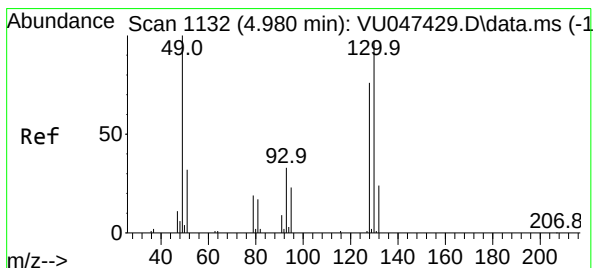
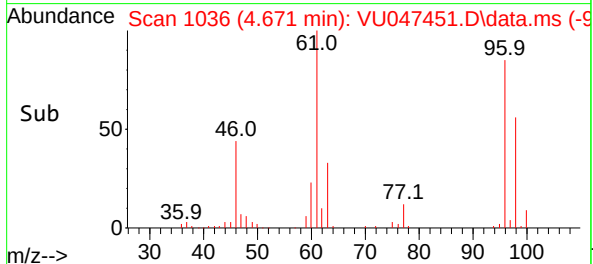
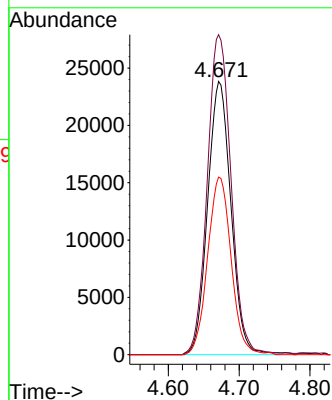
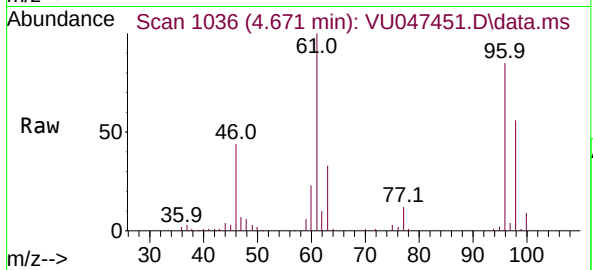




#22
 cis-1,2-Dichloroethene
 Concen: 5.323 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VU047451.D
 Acq: 10 Mar 2022 11:10

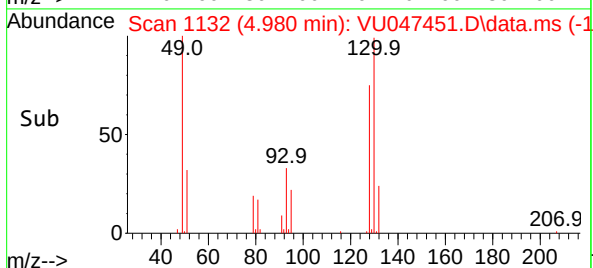
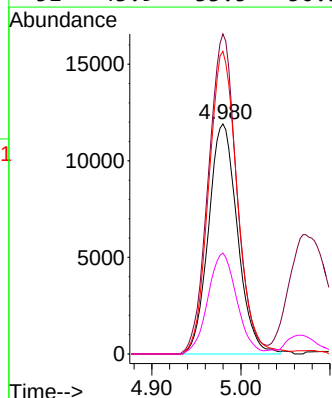
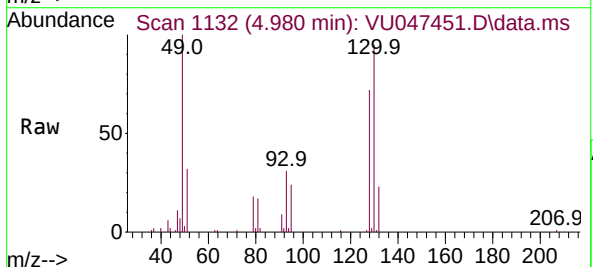
Instrument :
 MSVOA_U
 ClientSampleId :

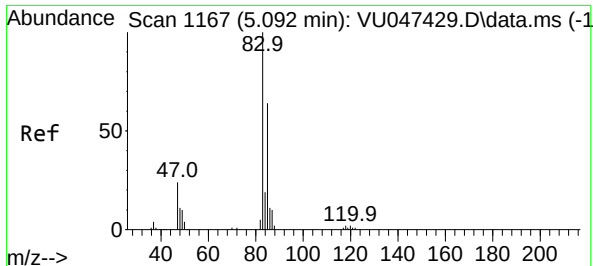
Tgt Ion: 96 Resp: 54420
 Ion Ratio Lower Upper
 96 100
 61 117.1 80.8 150.0
 98 65.0 44.7 83.1



#23
 Bromochloromethane
 Concen: 5.493 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. -0.000 min
 Lab File: VU047451.D
 Acq: 10 Mar 2022 11:10

Tgt Ion:128 Resp: 26829
 Ion Ratio Lower Upper
 128 100
 49 139.1 91.6 170.2
 130 131.5 89.6 166.4
 51 43.9 33.5 50.3





#25

Chloroform

Concen: 5.376 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU047451.D

Acq: 10 Mar 2022 11:10

Instrument :

MSVOA_U

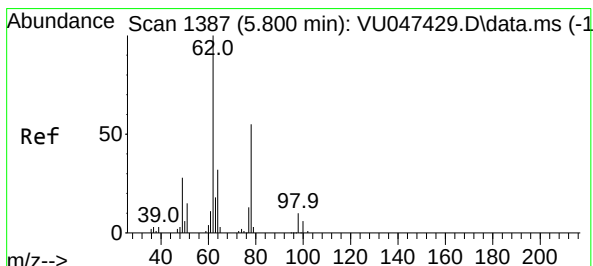
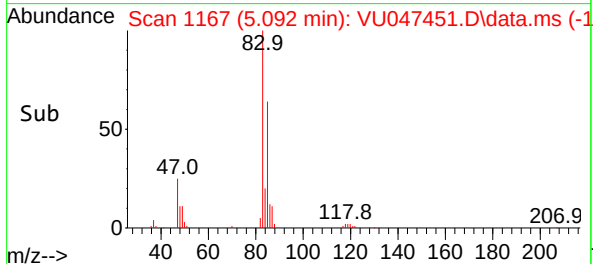
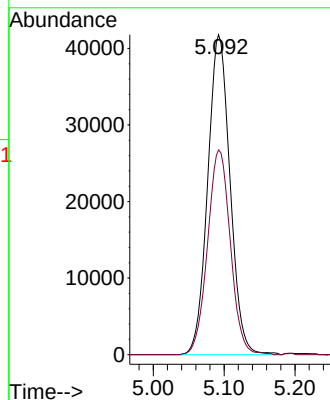
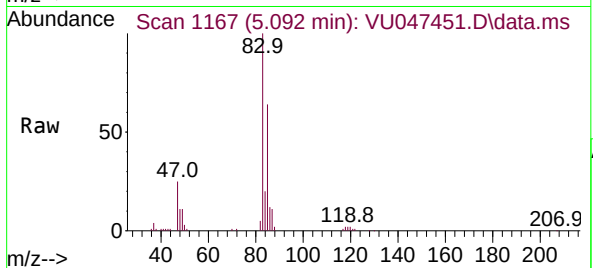
ClientSampleId :

Tgt Ion: 83 Resp: 91341

Ion Ratio Lower Upper

83 100

85 64.0 46.2 85.8



#27

1,2-Dichloroethane

Concen: 5.531 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU047451.D

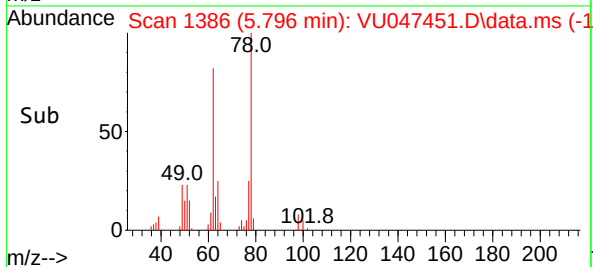
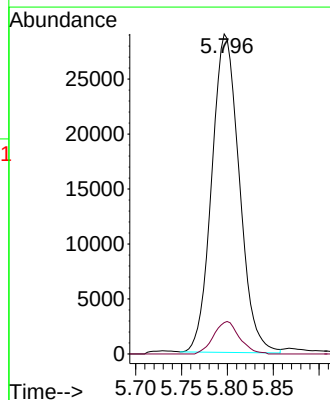
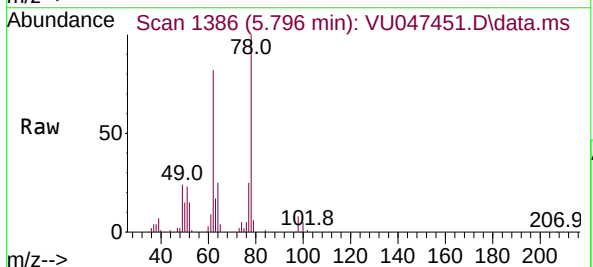
Acq: 10 Mar 2022 11:10

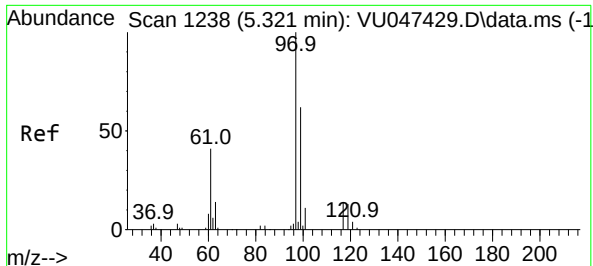
Tgt Ion: 62 Resp: 60494

Ion Ratio Lower Upper

62 100

98 9.8 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.396 ug/L

RT: 5.321 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047451.D

Acq: 10 Mar 2022 11:10

Instrument :

MSVOA_U

ClientSampleId :

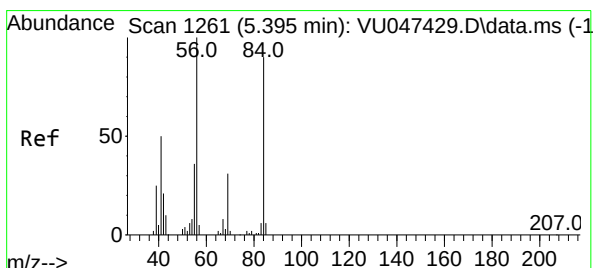
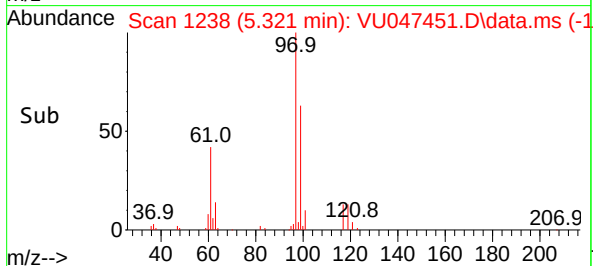
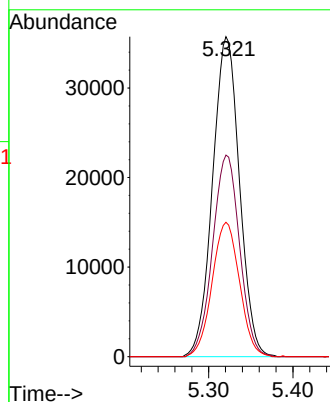
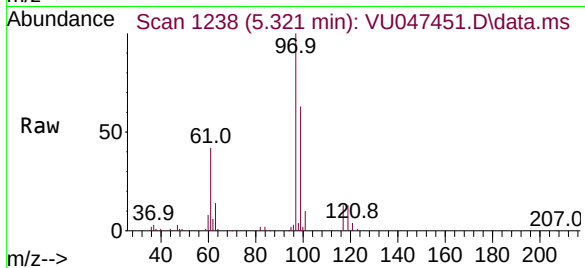
Tgt Ion: 97 Resp: 79148

Ion Ratio Lower Upper

97 100

99 63.4 52.1 78.1

61 42.8 33.8 50.6



#30

Cyclohexane

Concen: 5.109 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.003 min

Lab File: VU047451.D

Acq: 10 Mar 2022 11:10

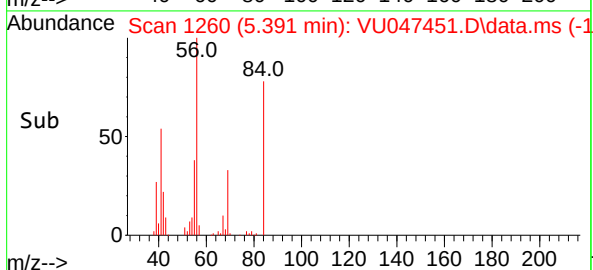
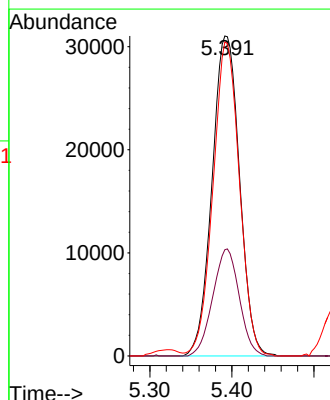
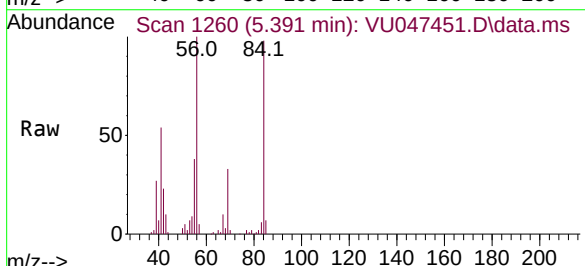
Tgt Ion: 56 Resp: 72197

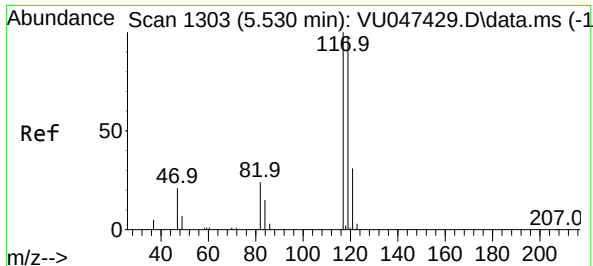
Ion Ratio Lower Upper

56 100

69 32.3 26.0 39.0

84 94.5 76.3 114.5

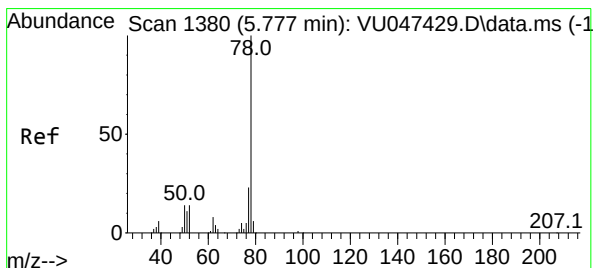
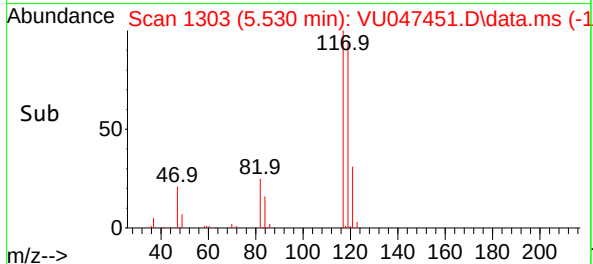
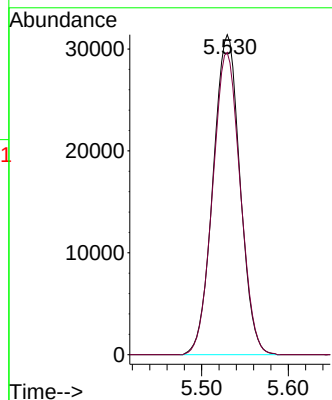
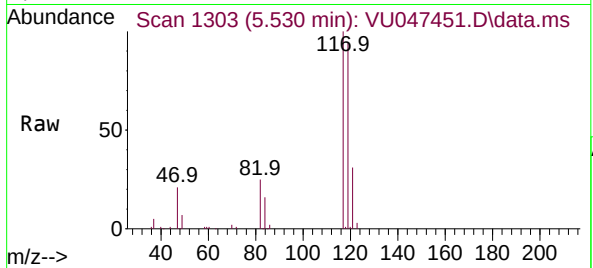




#31
Carbon tetrachloride
Concen: 5.268 ug/L
RT: 5.530 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047451.D
Acq: 10 Mar 2022 11:10

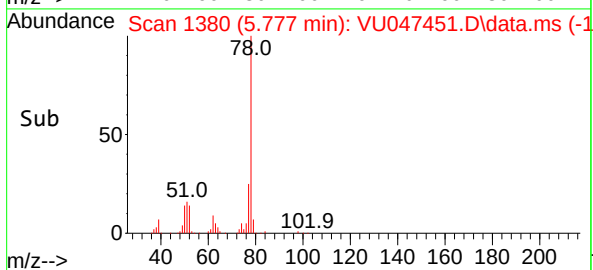
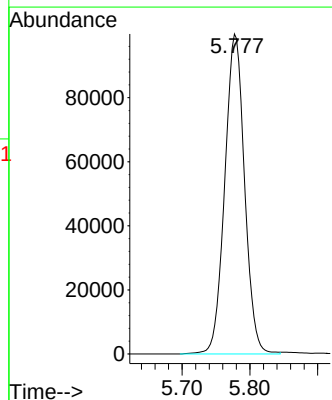
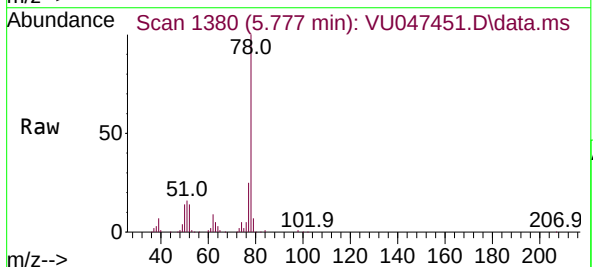
Instrument :
MSVOA_U
ClientSampleId :

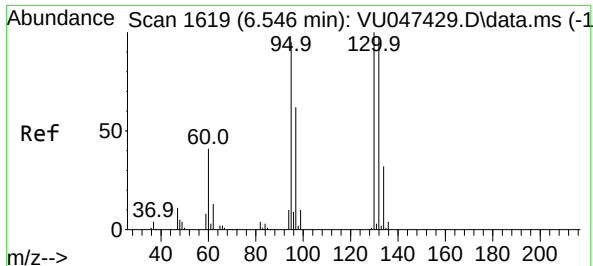
Tgt Ion:117 Resp: 67870
Ion Ratio Lower Upper
117 100
119 96.6 75.8 113.8



#33
Benzene
Concen: 5.286 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047451.D
Acq: 10 Mar 2022 11:10

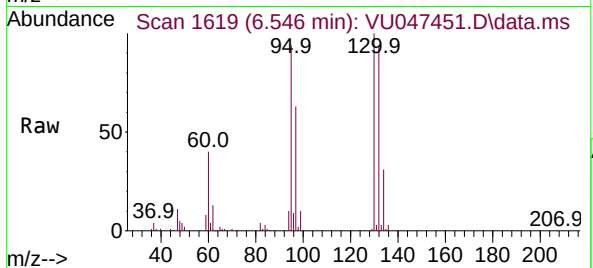
Tgt Ion: 78 Resp: 202670



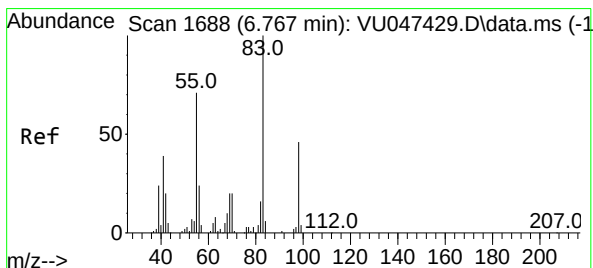
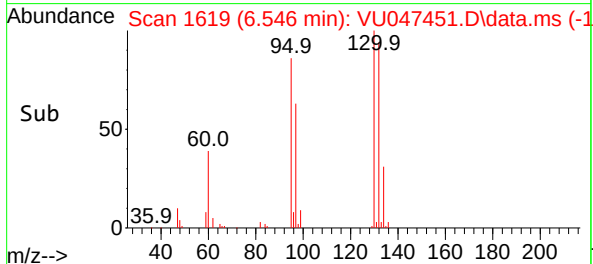
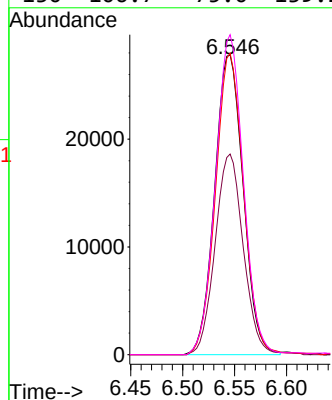


#34
Trichloroethene
Concen: 5.182 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047451.D
Acq: 10 Mar 2022 11:10

Instrument :
MSVOA_U
ClientSampleId :

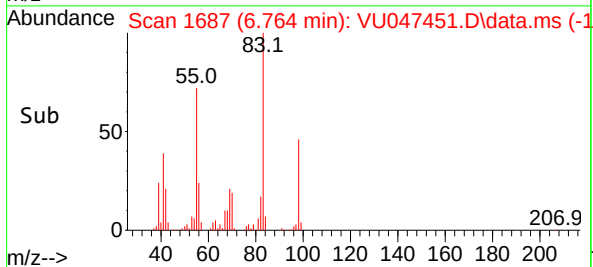
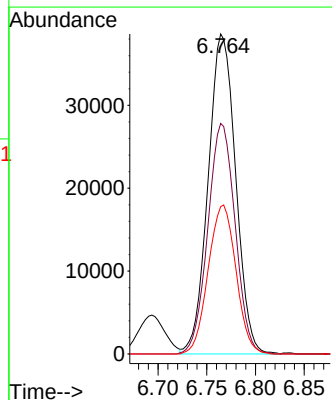
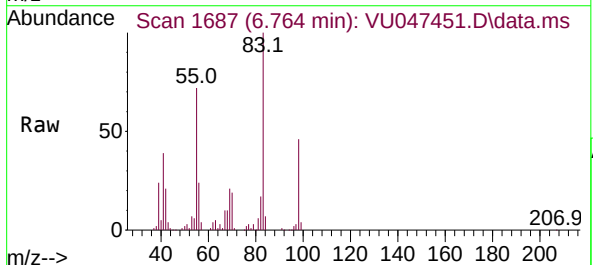


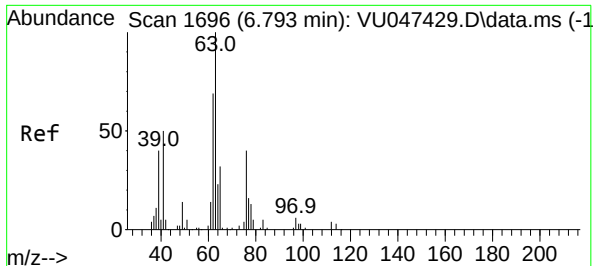
Tgt Ion: 95 Resp: 53116
Ion Ratio Lower Upper
95 100
97 66.9 46.3 85.9
132 100.5 71.7 133.1
130 106.7 75.0 139.2



#35
Methylcyclohexane
Concen: 4.696 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU047451.D
Acq: 10 Mar 2022 11:10

Tgt Ion: 83 Resp: 75933
Ion Ratio Lower Upper
83 100
55 71.4 57.8 86.8
98 46.9 38.0 57.0





#37

1,2-Dichloropropane

Concen: 5.431 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047451.D

Acq: 10 Mar 2022 11:10

Instrument :

MSVOA_U

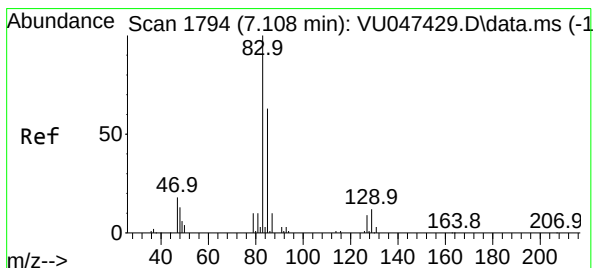
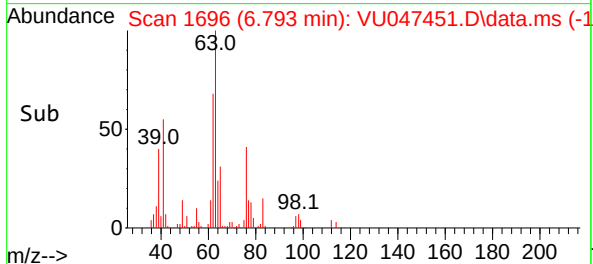
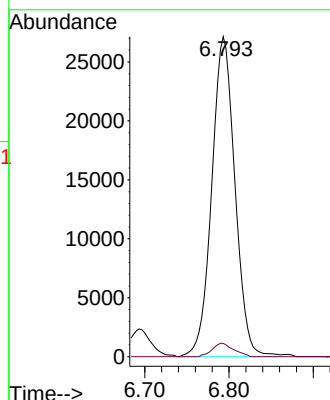
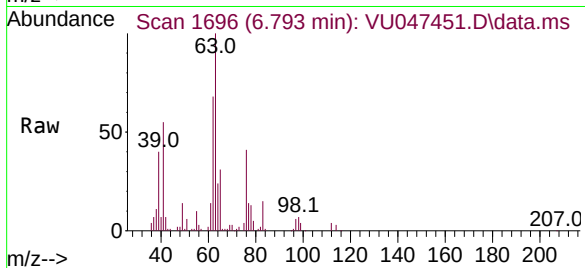
ClientSampleId :

Tgt Ion: 63 Resp: 51862

Ion Ratio Lower Upper

63 100

112 3.9 3.3 4.9



#38

Bromodichloromethane

Concen: 5.324 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU047451.D

Acq: 10 Mar 2022 11:10

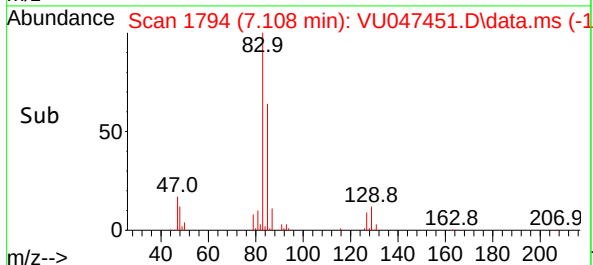
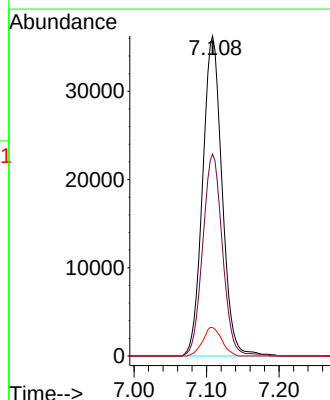
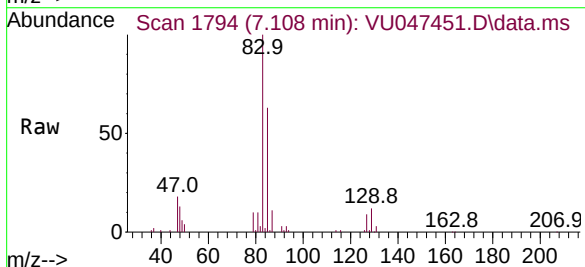
Tgt Ion: 83 Resp: 67497

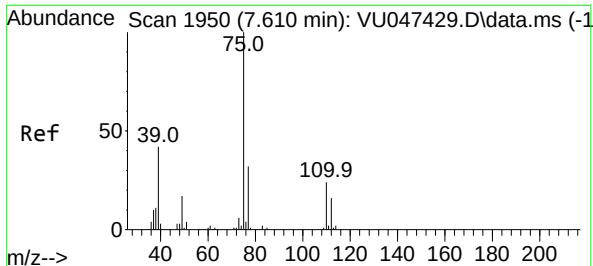
Ion Ratio Lower Upper

83 100

85 63.1 45.0 83.6

127 8.9 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 4.999 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU047451.D

Acq: 10 Mar 2022 11:10

Instrument :

MSVOA_U

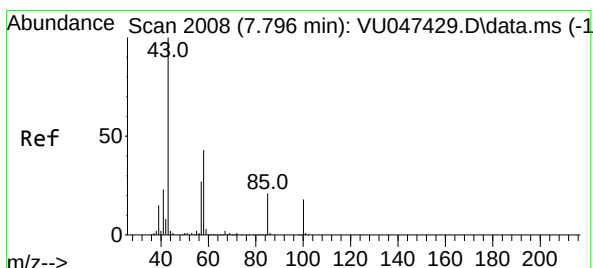
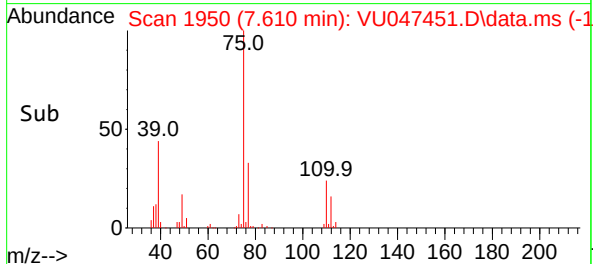
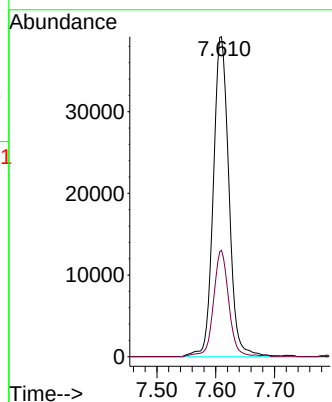
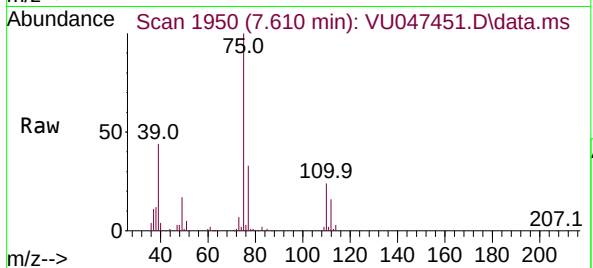
ClientSampleId :

Tgt Ion: 75 Resp: 72373

Ion Ratio Lower Upper

75 100

77 33.3 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 54.074 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU047451.D

Acq: 10 Mar 2022 11:10

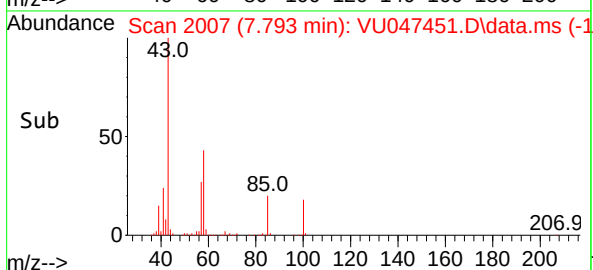
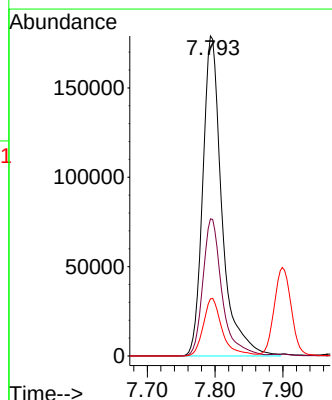
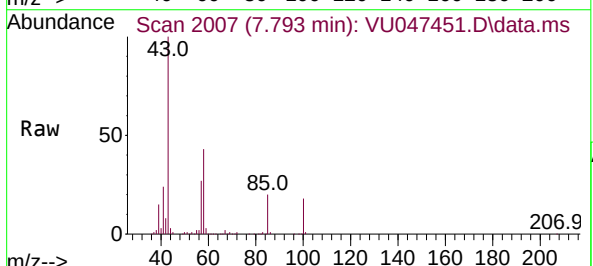
Tgt Ion: 43 Resp: 351994

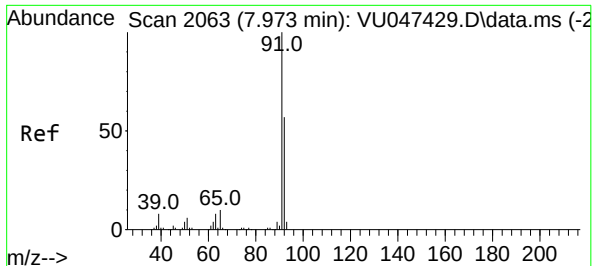
Ion Ratio Lower Upper

43 100

58 42.9 34.8 52.2

100 17.7 14.2 21.4





#42

Toluene

Concen: 5.352 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU047451.D

Acq: 10 Mar 2022 11:10

Instrument :

MSVOA_U

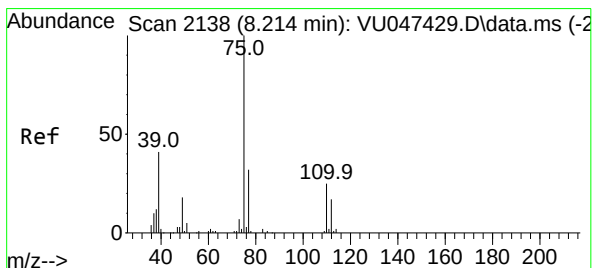
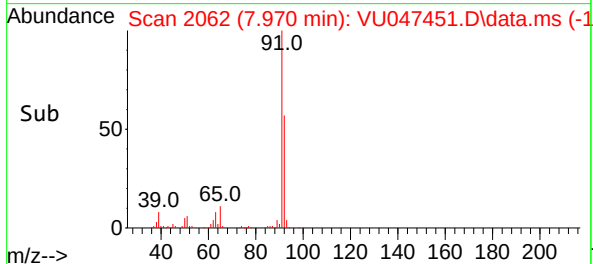
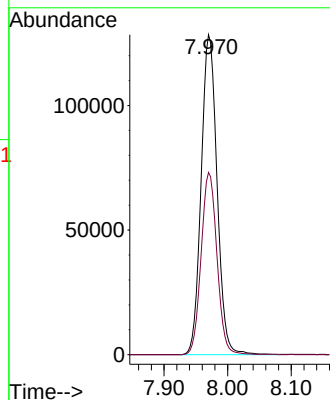
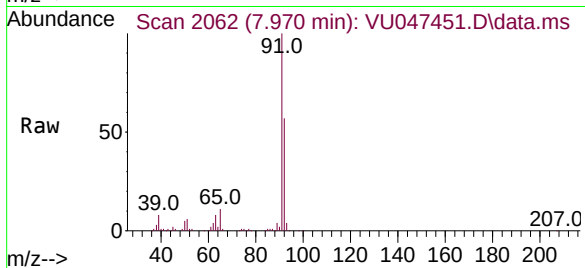
ClientSampleId :

Tgt Ion: 91 Resp: 222939

Ion Ratio Lower Upper

91 100

92 57.0 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.914 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VU047451.D

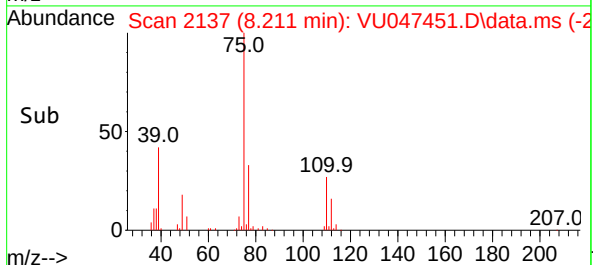
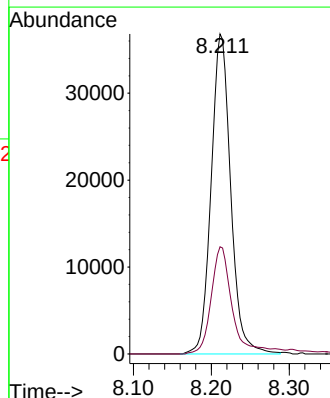
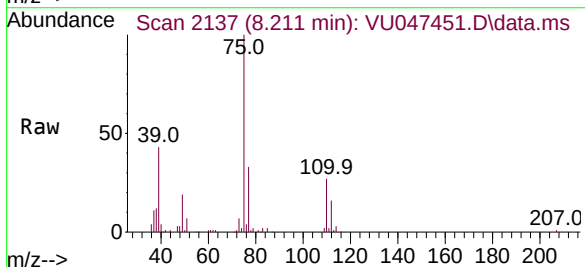
Acq: 10 Mar 2022 11:10

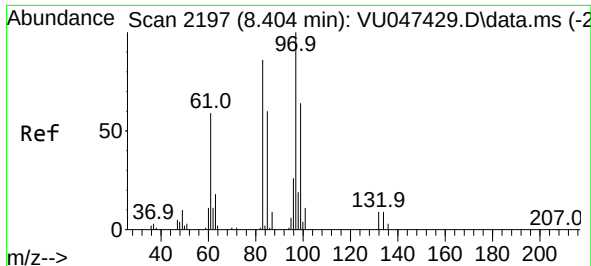
Tgt Ion: 75 Resp: 64163

Ion Ratio Lower Upper

75 100

77 33.5 23.6 43.8

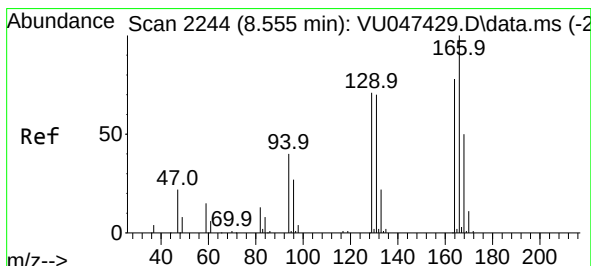
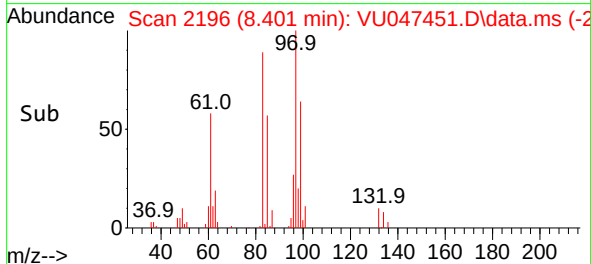
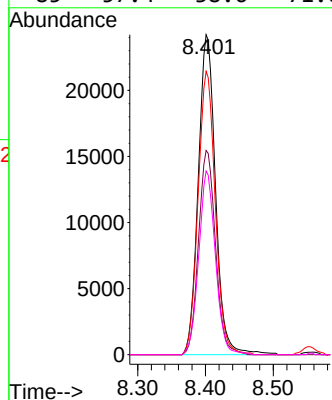
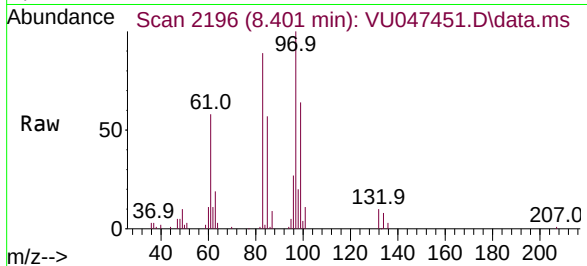




#45
1,1,2-Trichloroethane
Concen: 5.488 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU047451.D
Acq: 10 Mar 2022 11:10

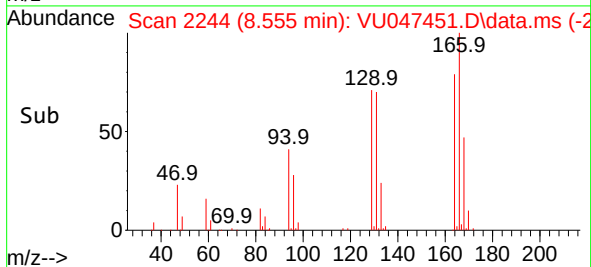
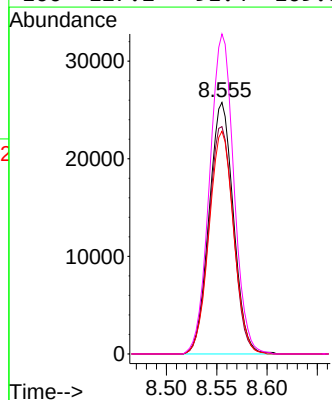
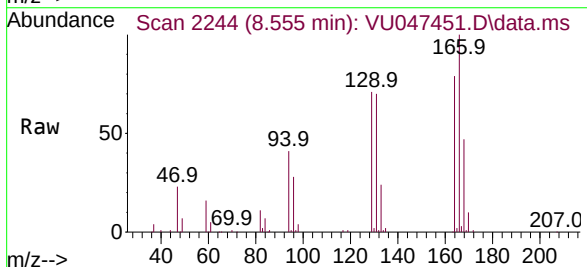
Instrument :
MSVOA_U
ClientSampleId :

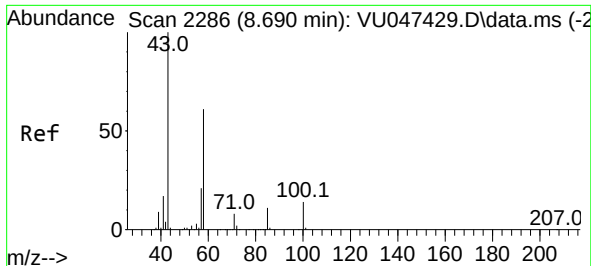
Tgt Ion:	97	Resp:	42950
Ion	Ratio	Lower	Upper
97	100		
99	63.8	43.3	80.5
83	88.5	59.1	109.9
85	57.4	38.6	71.6



#47
Tetrachloroethene
Concen: 4.995 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047451.D
Acq: 10 Mar 2022 11:10

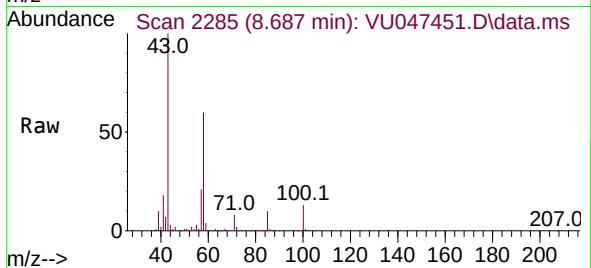
Tgt Ion:	164	Resp:	43435
Ion	Ratio	Lower	Upper
164	100		
129	90.4	64.9	120.5
131	88.5	63.6	118.2
166	127.2	91.4	169.8



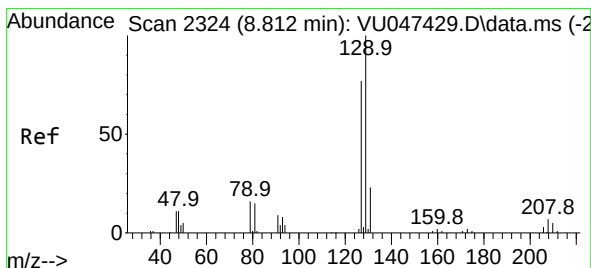
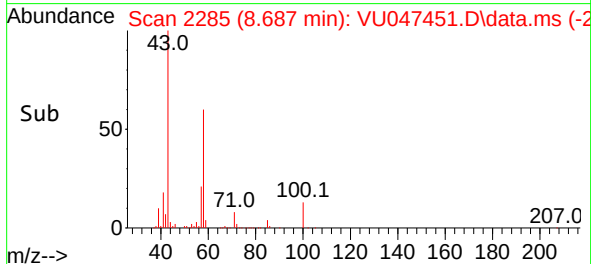
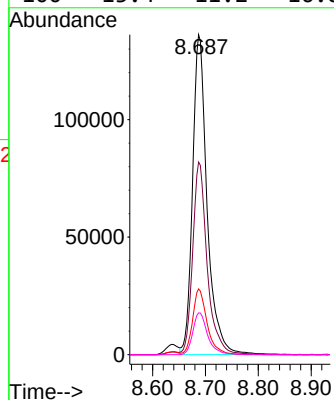


#48
2-Hexanone
Concen: 55.048 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047451.D
Acq: 10 Mar 2022 11:10

Instrument :
MSVOA_U
ClientSampleId :

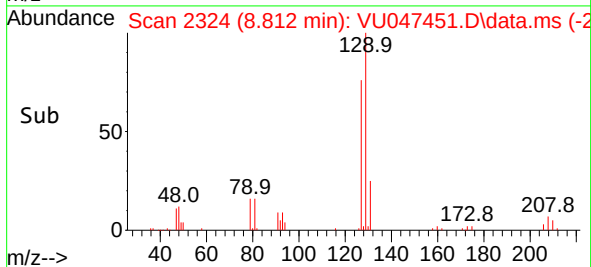
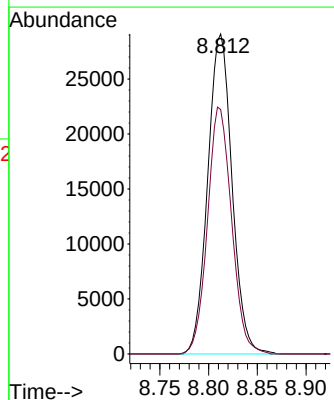
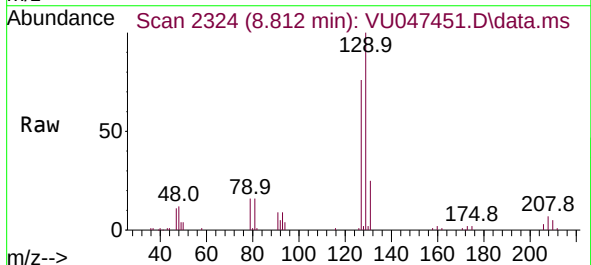


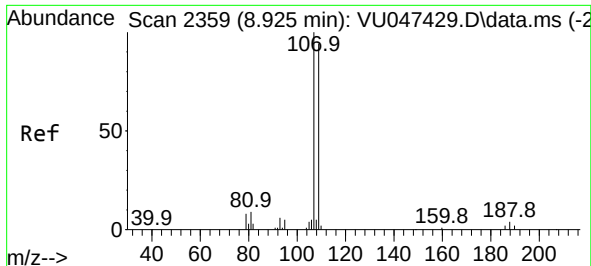
Tgt Ion: 43 Resp: 259976
Ion Ratio Lower Upper
43 100
58 60.3 47.7 71.5
57 20.3 16.6 25.0
100 13.4 11.2 16.8



#49
Dibromochloromethane
Concen: 5.317 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU047451.D
Acq: 10 Mar 2022 11:10

Tgt Ion: 129 Resp: 50544
Ion Ratio Lower Upper
129 100
127 76.4 52.6 97.8





#50

1,2-Dibromoethane

Concen: 5.258 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047451.D

Acq: 10 Mar 2022 11:10

Instrument :

MSVOA_U

ClientSampleId :

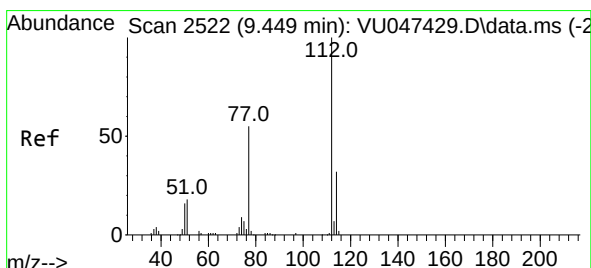
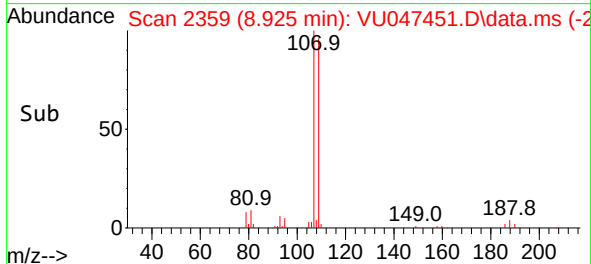
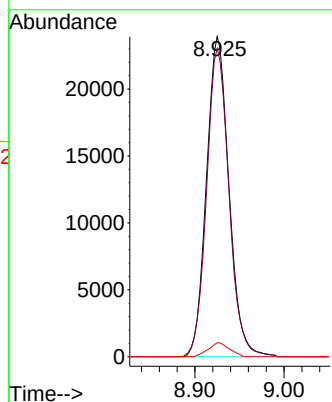
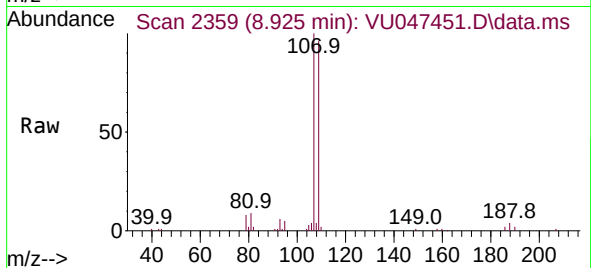
Tgt Ion:107 Resp: 41873

Ion Ratio Lower Upper

107 100

109 96.3 65.8 122.2

188 4.3 3.3 4.9



#51

Chlorobenzene

Concen: 5.262 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU047451.D

Acq: 10 Mar 2022 11:10

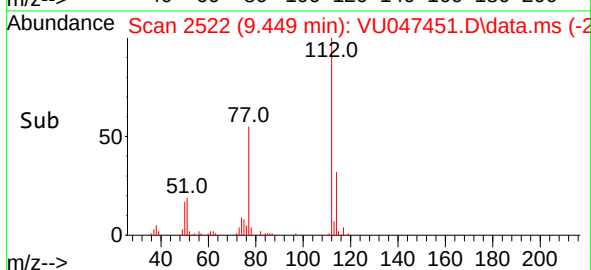
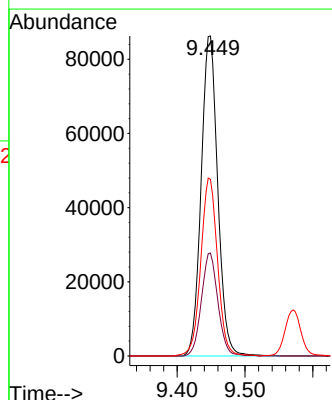
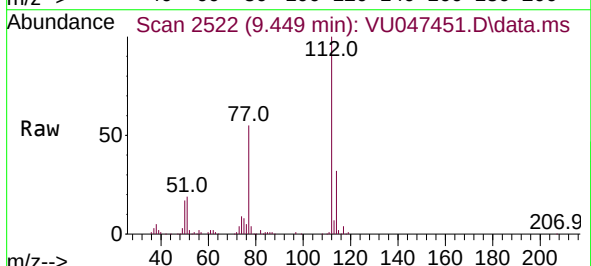
Tgt Ion:112 Resp: 146620

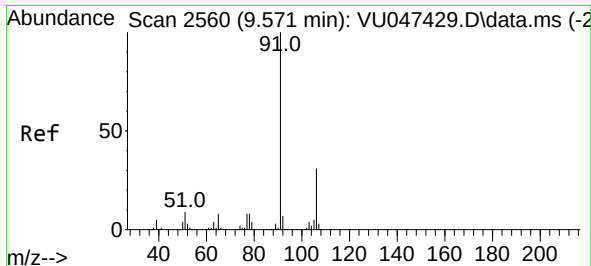
Ion Ratio Lower Upper

112 100

114 32.1 22.8 42.4

77 55.2 45.0 67.6

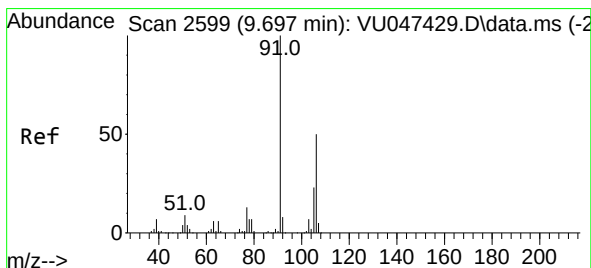
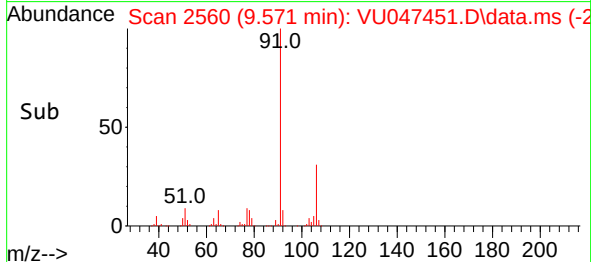
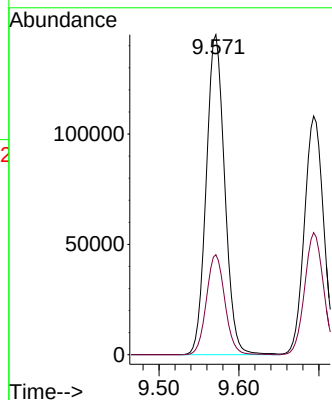
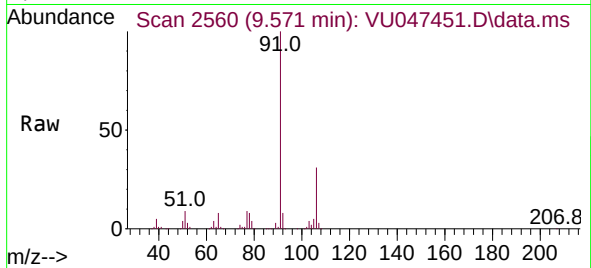




#52
Ethylbenzene
Concen: 5.166 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047451.D
Acq: 10 Mar 2022 11:10

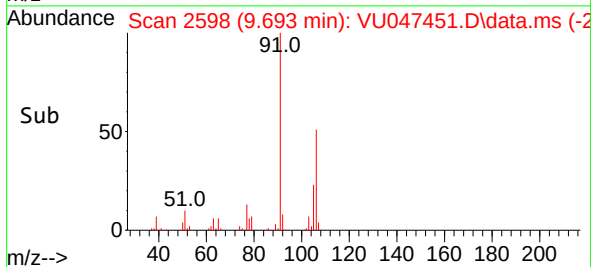
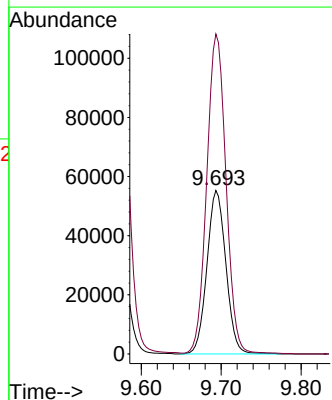
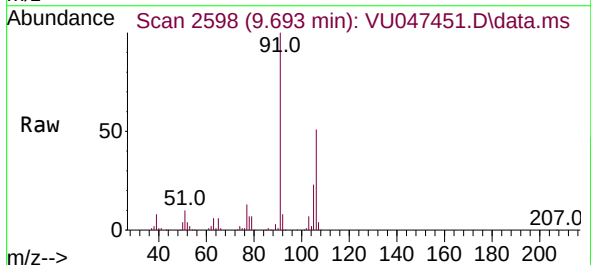
Instrument :
MSVOA_U
ClientSampleId :

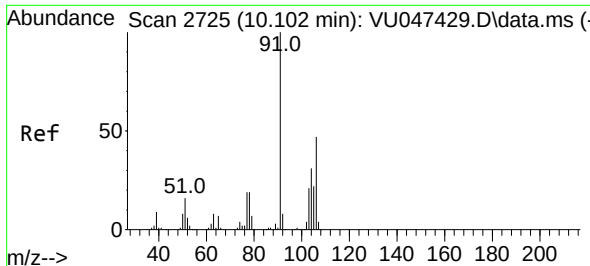
Tgt Ion: 91 Resp: 233027
Ion Ratio Lower Upper
91 100
106 31.2 22.4 41.6



#53
m,p-Xylene
Concen: 5.156 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU047451.D
Acq: 10 Mar 2022 11:10

Tgt Ion: 106 Resp: 91239
Ion Ratio Lower Upper
106 100
91 195.7 138.8 257.8

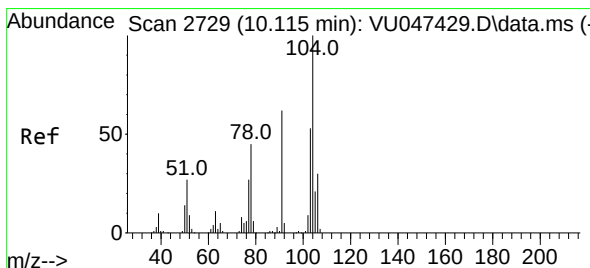
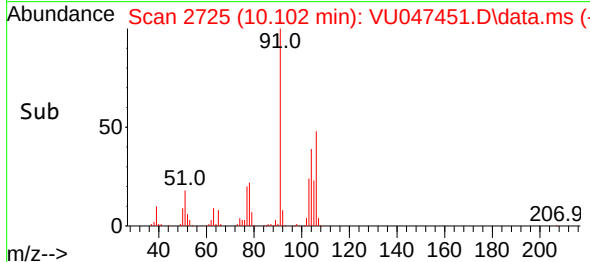
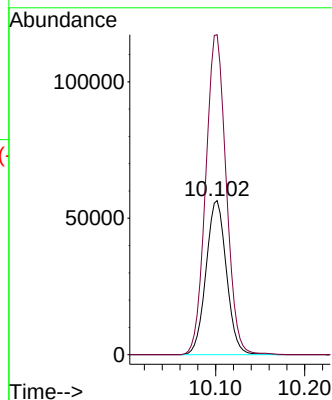
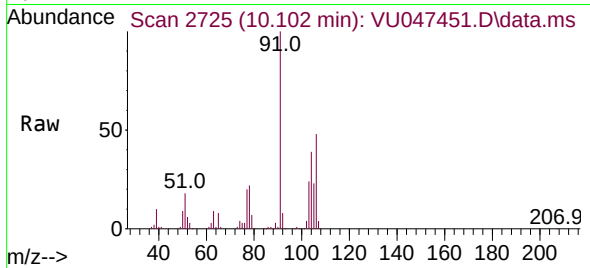




#54
o-Xylene
Concen: 5.246 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU047451.D
Acq: 10 Mar 2022 11:10

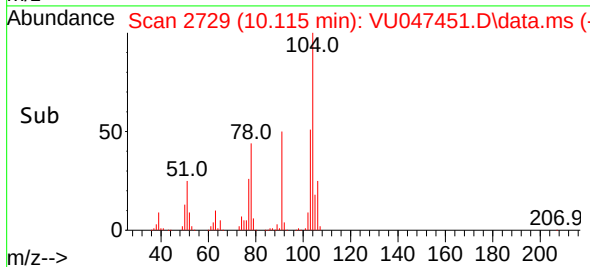
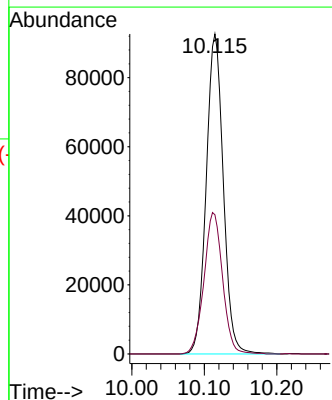
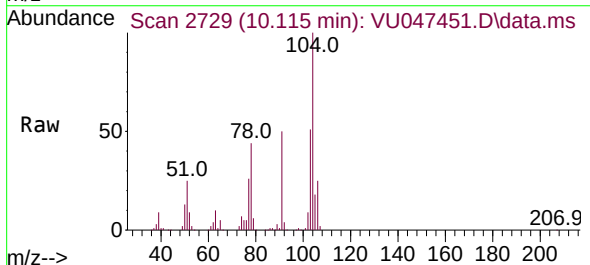
Instrument :
MSVOA_U
ClientSampleId :

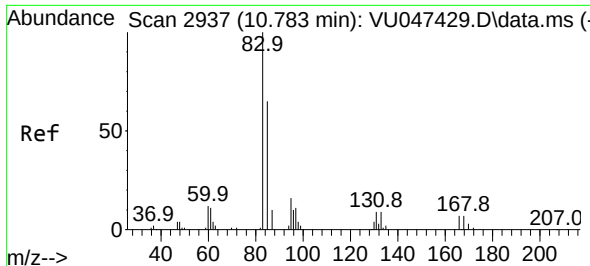
Tgt Ion:106 Resp: 89941
Ion Ratio Lower Upper
106 100
91 207.6 149.2 277.0



#55
Styrene
Concen: 5.234 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU047451.D
Acq: 10 Mar 2022 11:10

Tgt Ion:104 Resp: 151701
Ion Ratio Lower Upper
104 100
78 43.5 30.4 56.4

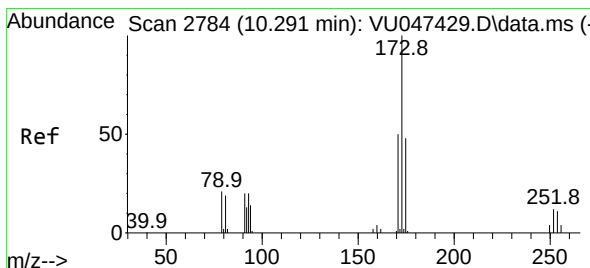
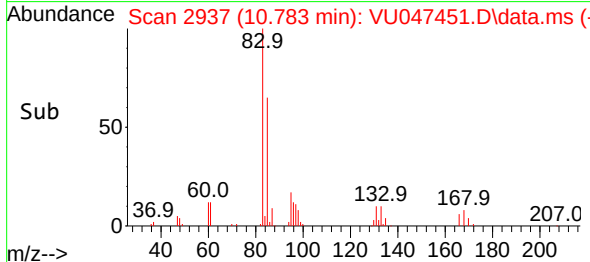
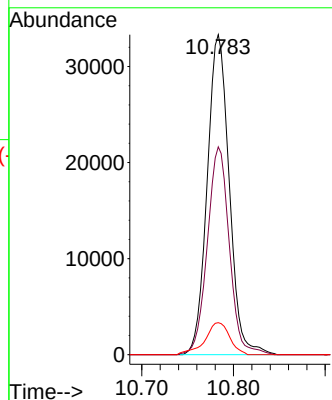
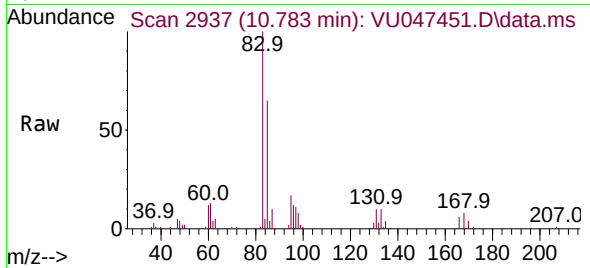




#57
1,1,2,2-Tetrachloroethane
Concen: 5.304 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047451.D
Acq: 10 Mar 2022 11:10

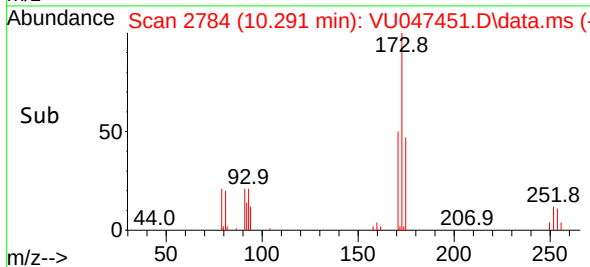
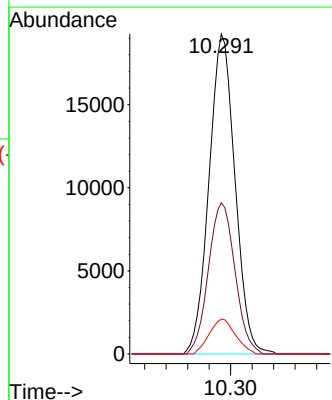
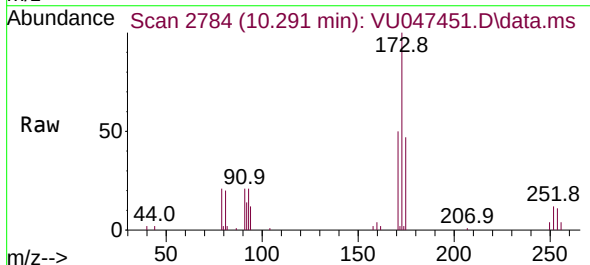
Instrument :
MSVOA_U
ClientSampleId :

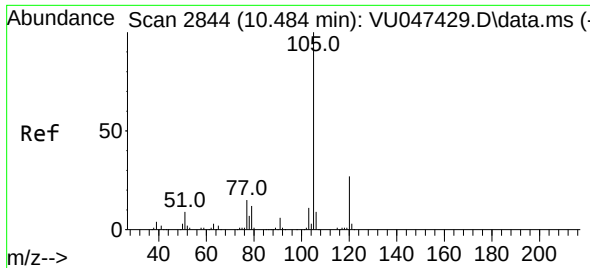
Tgt Ion: 83 Resp: 55560
Ion Ratio Lower Upper
83 100
85 65.0 46.0 85.4
131 10.0 8.2 12.4



#59
Bromoform
Concen: 5.558 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU047451.D
Acq: 10 Mar 2022 11:10

Tgt Ion: 173 Resp: 32296
Ion Ratio Lower Upper
173 100
175 48.3 38.7 58.1
254 11.0 9.0 13.4

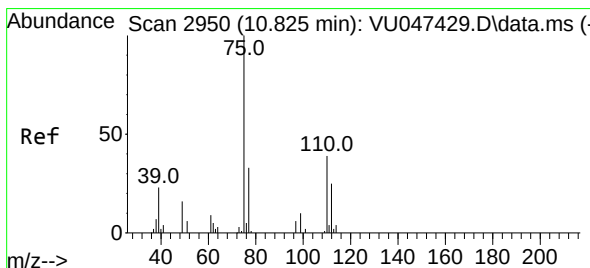
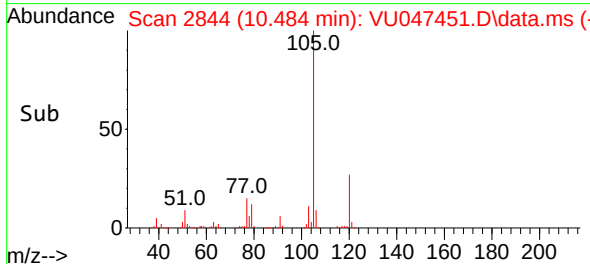
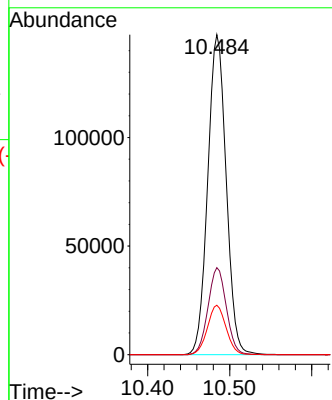
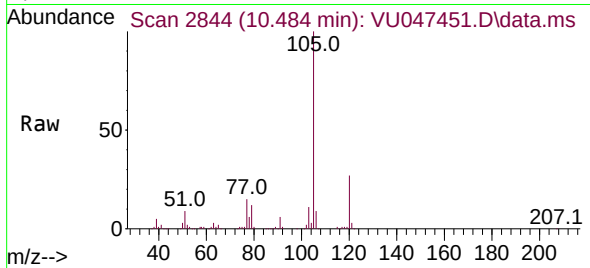




#60
Isopropylbenzene
Concen: 5.340 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU047451.D
Acq: 10 Mar 2022 11:10

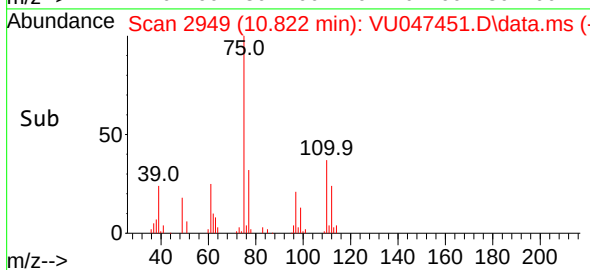
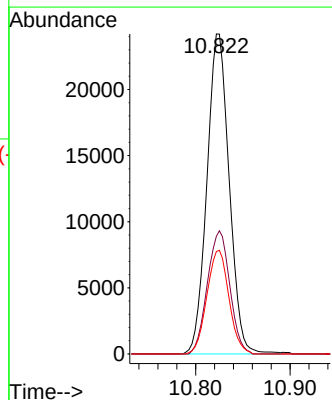
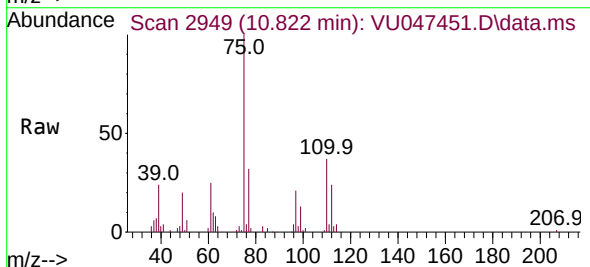
Instrument : MSVOA_U
ClientSampleId :

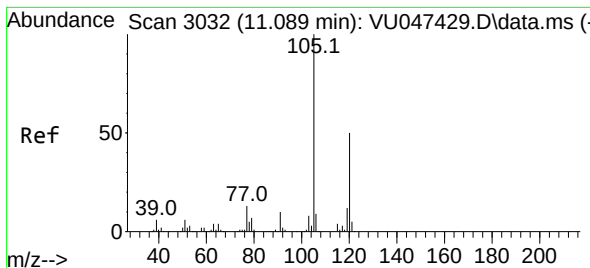
Tgt Ion:105 Resp: 230599
Ion Ratio Lower Upper
105 100
120 27.0 21.8 32.6
77 15.7 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 5.543 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU047451.D
Acq: 10 Mar 2022 11:10

Tgt Ion: 75 Resp: 39624
Ion Ratio Lower Upper
75 100
110 38.6 31.0 46.4
77 32.0 26.2 39.4





#62

1,3,5-Trimethylbenzene

Concen: 5.250 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU047451.D

Acq: 10 Mar 2022 11:10

Instrument :

MSVOA_U

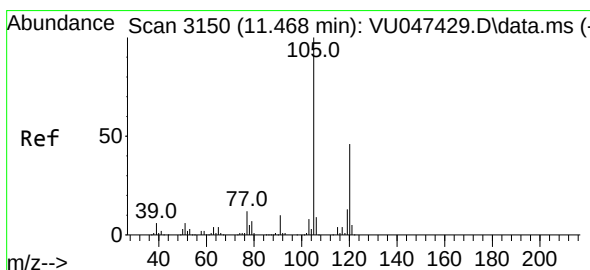
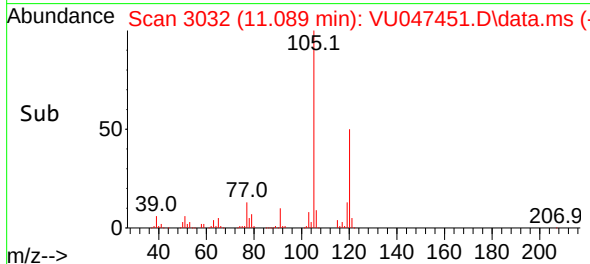
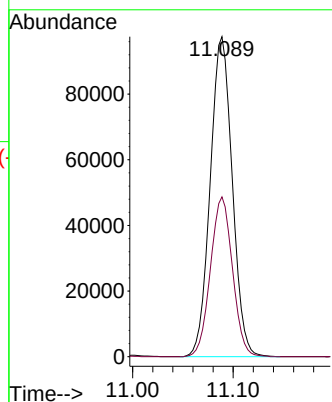
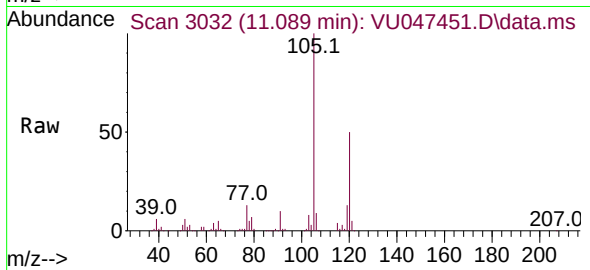
ClientSampleId :

Tgt Ion:105 Resp: 148702

Ion Ratio Lower Upper

105 100

120 49.8 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 5.215 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU047451.D

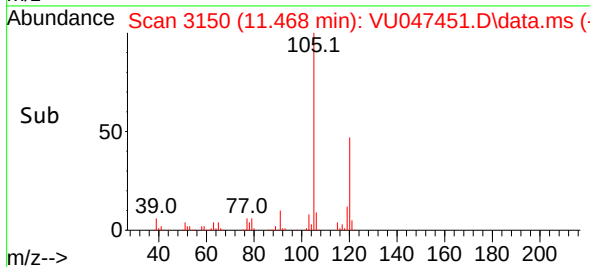
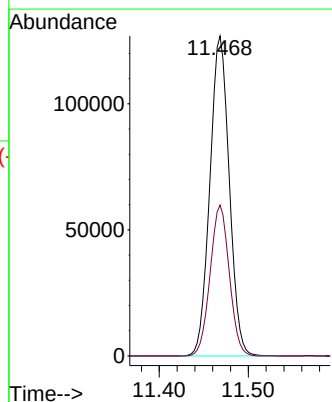
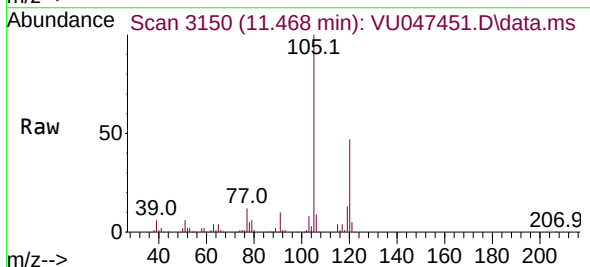
Acq: 10 Mar 2022 11:10

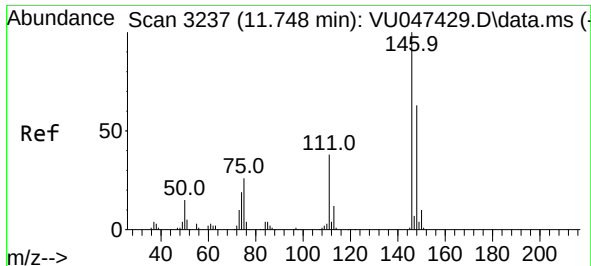
Tgt Ion:105 Resp: 191614

Ion Ratio Lower Upper

105 100

120 46.6 37.2 55.8

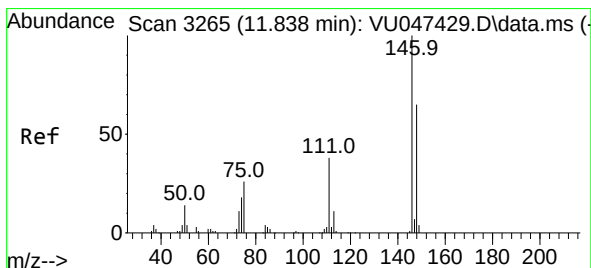
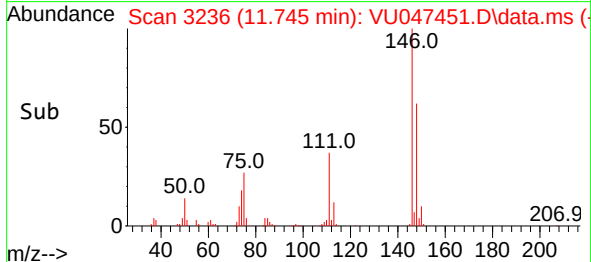
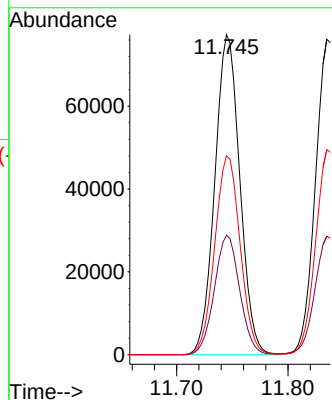
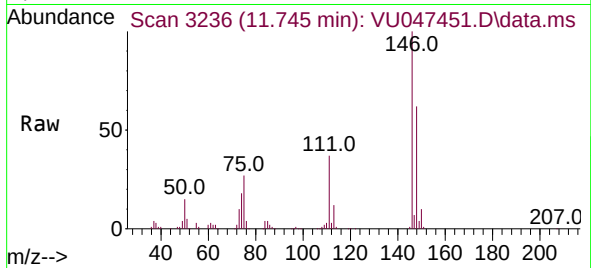




#64
1,3-Dichlorobenzene
Concen: 5.273 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU047451.D
Acq: 10 Mar 2022 11:10

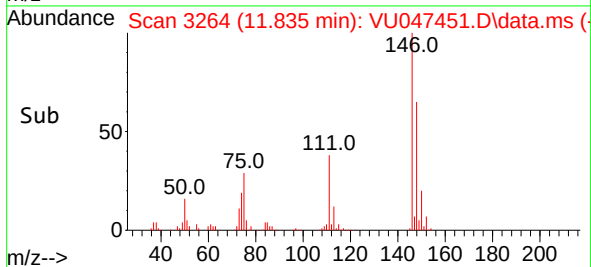
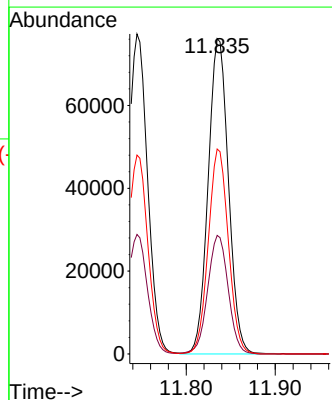
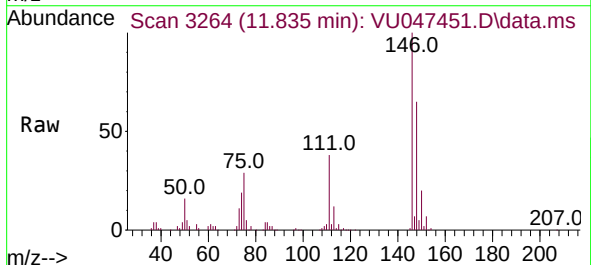
Instrument :
MSVOA_U
ClientSampleId :

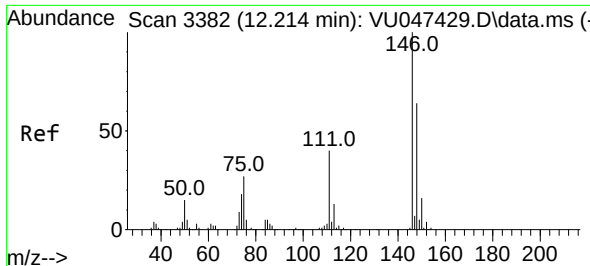
Tgt Ion:146 Resp: 120678
Ion Ratio Lower Upper
146 100
111 37.3 27.0 50.2
148 62.2 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 5.173 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU047451.D
Acq: 10 Mar 2022 11:10

Tgt Ion:146 Resp: 120229
Ion Ratio Lower Upper
146 100
111 37.6 26.1 48.5
148 65.0 45.6 84.6





#67

1,2-Dichlorobenzene

Concen: 5.344 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU047451.D

Acq: 10 Mar 2022 11:10

Instrument :

MSVOA_U

ClientSampleId :

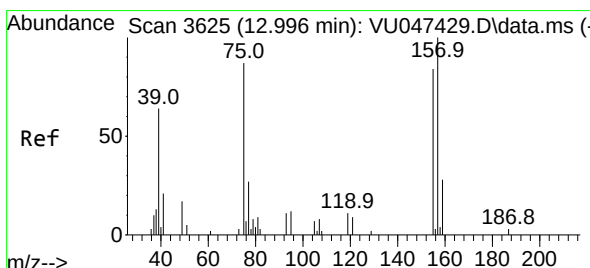
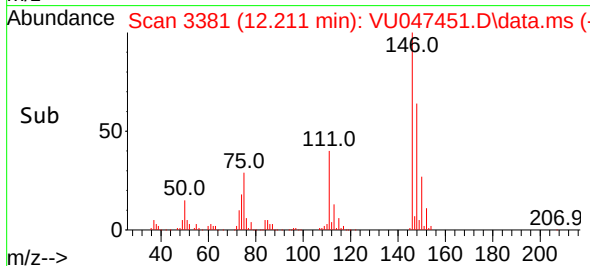
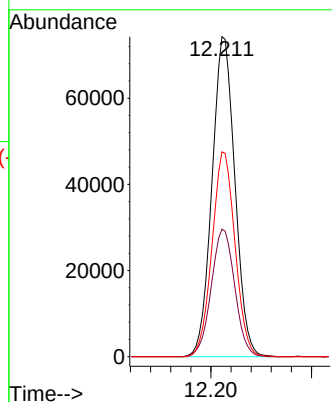
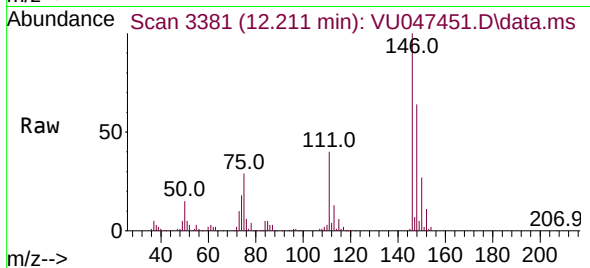
Tgt Ion:146 Resp: 117530

Ion Ratio Lower Upper

146 100

111 39.9 31.9 47.9

148 64.0 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.706 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.003 min

Lab File: VU047451.D

Acq: 10 Mar 2022 11:10

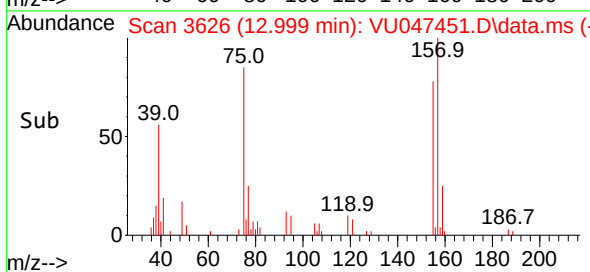
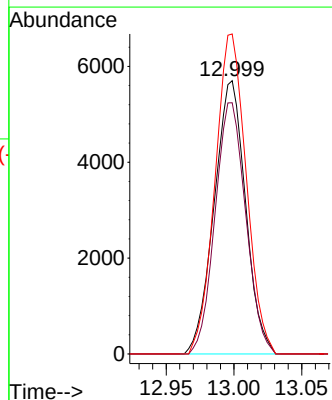
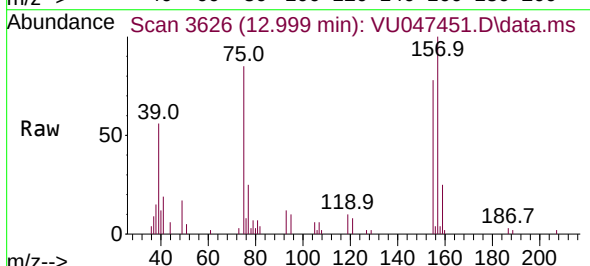
Tgt Ion: 75 Resp: 9196

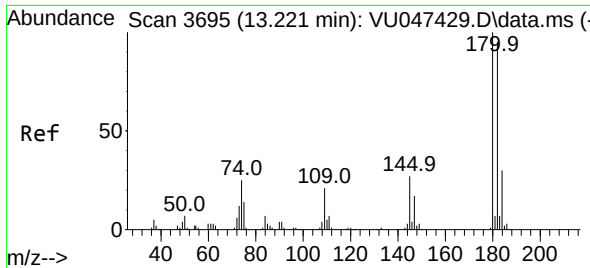
Ion Ratio Lower Upper

75 100

155 91.9 71.3 106.9

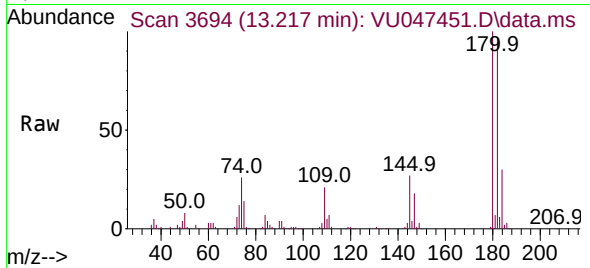
157 117.1 88.6 132.8



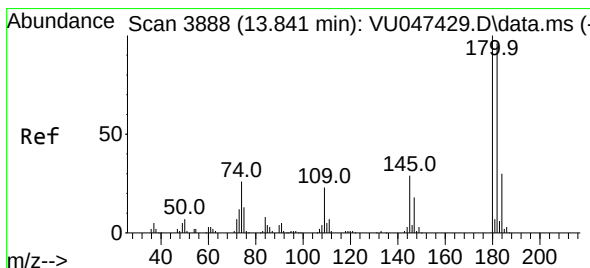
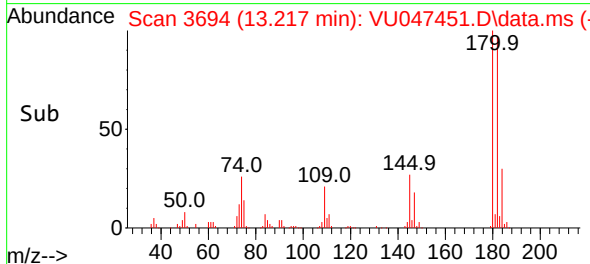
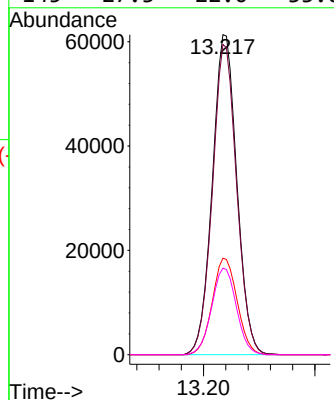


#69
 1,3,5-Trichlorobenzene
 Concen: 4.986 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.003 min
 Lab File: VU047451.D
 Acq: 10 Mar 2022 11:10

Instrument :
 MSVOA_U
 ClientSampleId :

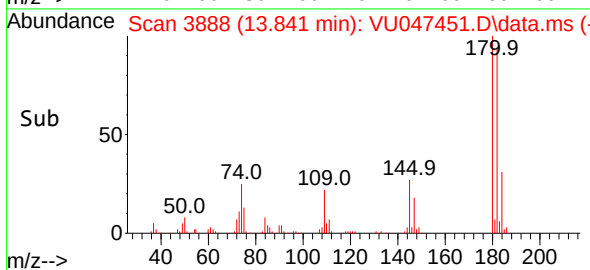
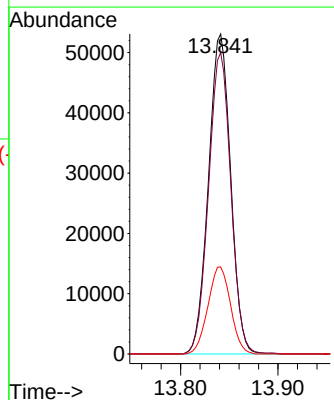
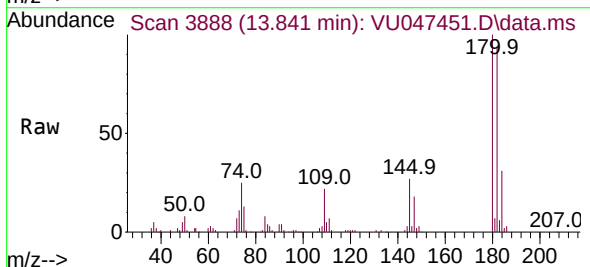


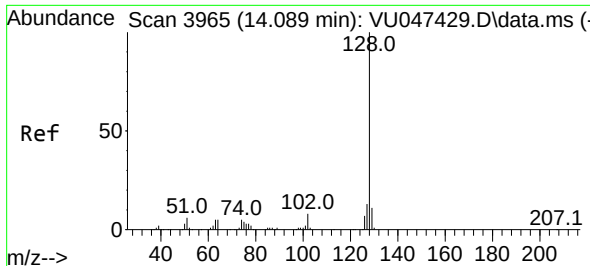
Tgt Ion:180 Resp: 93600
 Ion Ratio Lower Upper
 180 100
 182 95.8 77.1 115.7
 184 30.7 25.0 37.4
 145 27.3 22.0 33.0



#70
 1,2,4-trichlorobenzene
 Concen: 5.021 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU047451.D
 Acq: 10 Mar 2022 11:10

Tgt Ion:180 Resp: 84005
 Ion Ratio Lower Upper
 180 100
 182 94.7 76.6 114.8
 145 27.8 22.4 33.6

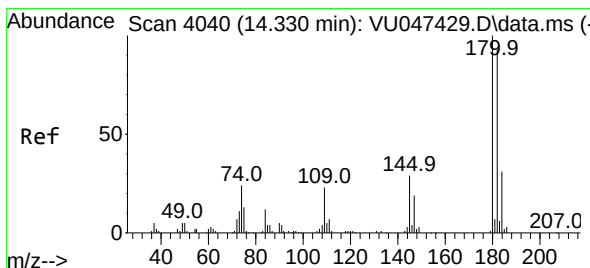
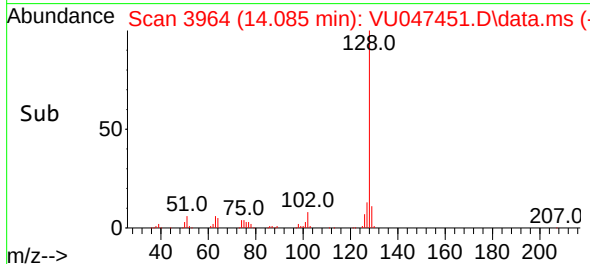
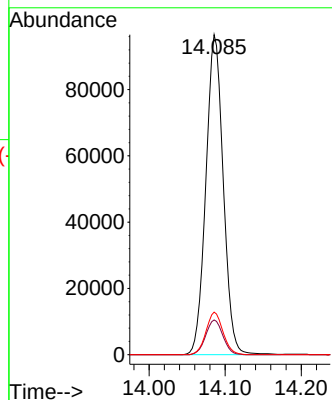
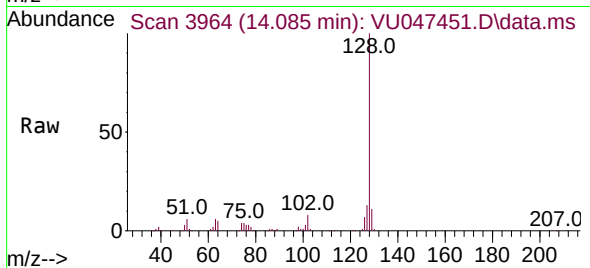




#71
Naphthalene
Concen: 5.131 ug/L
RT: 14.085 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU047451.D
Acq: 10 Mar 2022 11:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 153563
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 13.0 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.125 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047451.D
Acq: 10 Mar 2022 11:10

Tgt Ion:180 Resp: 78631
Ion Ratio Lower Upper
180 100
182 96.2 77.0 115.6
145 29.3 23.4 35.2

