

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040522\
 Data File : VU047816.D
 Acq On : 05 Apr 2022 10:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 06 03:31:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 02 01:06:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	384313	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	391029	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	242225	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	126405	45.357	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.720%
7) Chloroethane-d5	1.916	69	103777	47.226	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.460%
11) 1,1-Dichloroethene-d2	2.571	63	221444	43.430	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.860%
21) 2-Butanone-d5	4.626	46	188863	78.954	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.950%
24) Chloroform-d	5.067	84	228758	44.861	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.720%
26) 1,2-Dichloroethane-d4	5.706	65	138702	44.349	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.700%
32) Benzene-d6	5.732	84	451783	45.916	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.840%
36) 1,2-Dichloropropane-d6	6.694	67	138703	45.901	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.800%
41) Toluene-d8	7.902	98	433430	45.213	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.420%
43) trans-1,3-Dichloroprop...	8.182	79	66091	43.172	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.340%
47) 2-Hexanone-d5	8.636	63	145318	82.150	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.150%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	223179	43.036	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.080%
66) 1,2-Dichlorobenzene-d4	12.195	152	188174	43.666	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	164231	46.094	ug/L	100
3) Chloromethane	1.523	50	165522	48.577	ug/L	100
5) Vinyl chloride	1.607	62	166030	47.777	ug/L	99
6) Bromomethane	1.858	94	87324	46.687	ug/L	100
8) Chloroethane	1.935	64	102549	47.008	ug/L	98
9) Trichlorofluoromethane	2.141	101	224967	45.908	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	136269	48.107	ug/L	96
12) 1,1-Dichloroethene	2.584	96	122888	46.615	ug/L	89
13) Acetone	2.629	43	218863	98.320	ug/L	98
14) Carbon disulfide	2.800	76	355799	42.698	ug/L	100
15) Methyl Acetate	2.951	43	154021	43.391	ug/L	99
16) Methylene chloride	3.051	84	146698	48.493	ug/L	97
17) trans-1,2-Dichloroethene	3.359	96	132844	46.720	ug/L	97
18) Methyl tert-butyl Ether	3.366	73	390855	48.723	ug/L	100
19) 1,1-Dichloroethane	3.874	63	239164	48.770	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	151974	48.752	ug/L	98
22) 2-Butanone	4.706	43	259801	90.602	ug/L	99
23) Bromochloromethane	4.980	128	84227	49.212	ug/L	98
25) Chloroform	5.092	83	258542	48.969	ug/L	99

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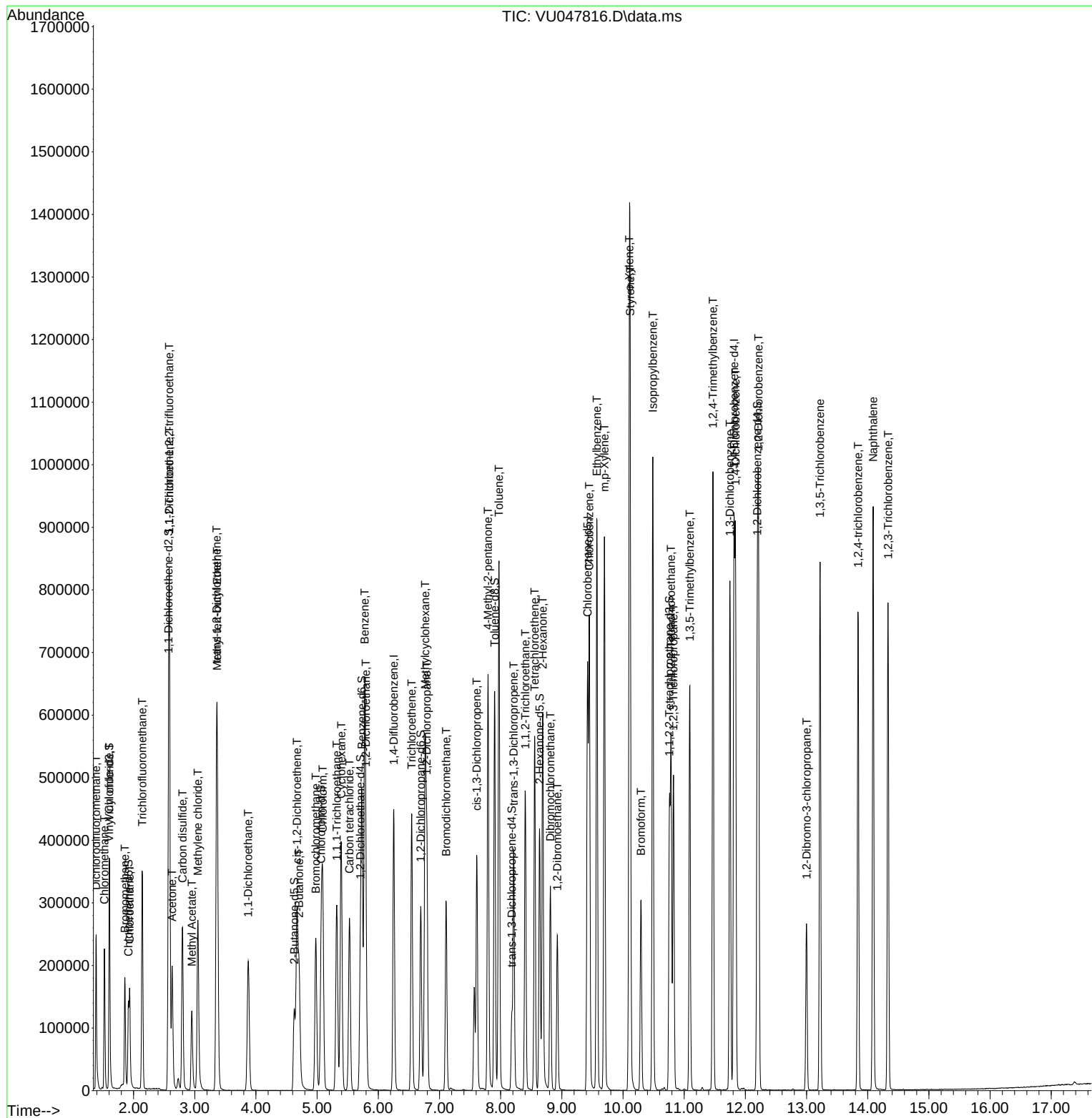
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	197088	48.317	ug/L	98
29) Cyclohexane	5.395	56	192914	48.619	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	214663	48.414	ug/L	99
31) Carbon tetrachloride	5.530	117	188718	47.135	ug/L	100
33) Benzene	5.777	78	559568	49.439	ug/L	100
34) Trichloroethene	6.546	95	146913	49.510	ug/L	98
35) Methylcyclohexane	6.767	83	225599	49.974	ug/L	100
37) 1,2-Dichloropropane	6.793	63	146938	51.068	ug/L	99
38) Bromodichloromethane	7.108	83	195679	49.524	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	219439	49.152	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	410727	90.318	ug/L	99
42) Toluene	7.973	91	625278	50.348	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	212981	47.779	ug/L	97
45) 1,1,2-Trichloroethane	8.404	97	151728	49.721	ug/L	98
46) Tetrachloroethene	8.555	164	131667	49.377	ug/L	99
48) 2-Hexanone	8.687	43	357393	91.364	ug/L	99
49) Dibromochloromethane	8.812	129	170598	48.267	ug/L	99
50) 1,2-Dibromoethane	8.925	107	164849	48.186	ug/L	100
51) Chlorobenzene	9.449	112	414128	49.112	ug/L	99
52) Ethylbenzene	9.574	91	651576	49.898	ug/L	99
53) m,p-Xylene	9.697	106	263695	51.465	ug/L	99
54) o-Xylene	10.102	106	251746	50.061	ug/L	100
55) Styrene	10.118	104	443892	51.701	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	268498	46.933	ug/L	98
59) Bromoform	10.295	173	142562	46.027	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	206882	45.306	ug/L	99
61) Isopropylbenzene	10.488	105	661046	50.496	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	345263	48.609	ug/L	100
63) 1,2,4-Trimethylbenzene	11.471	105	540752	50.120	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	347995	47.826	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	352834	46.815	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	351485	48.277	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	61014	41.713	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	286212	48.433	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	253422	48.960	ug/L	100
71) Naphthalene	14.089	128	745099	48.283	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	258977	49.910	ug/L	100

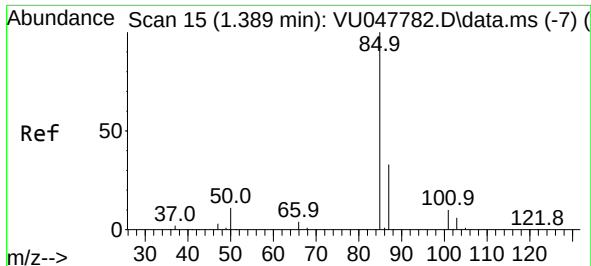
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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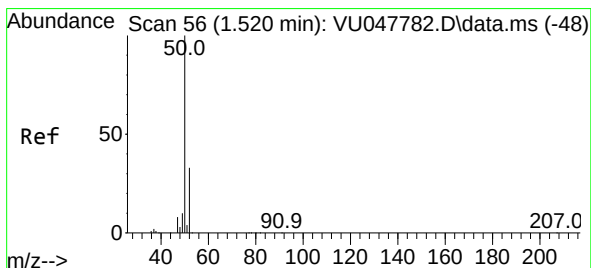
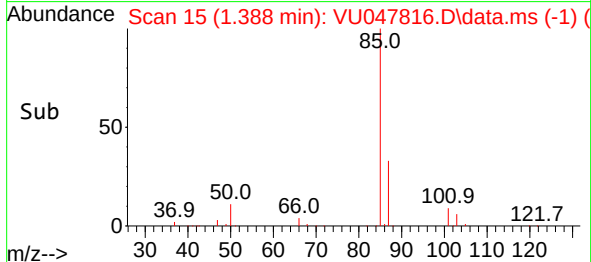
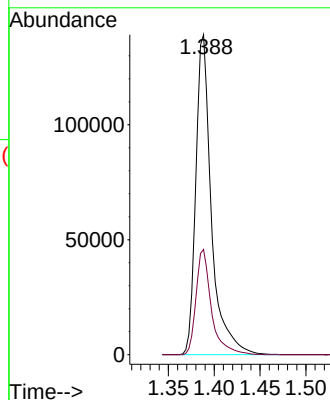
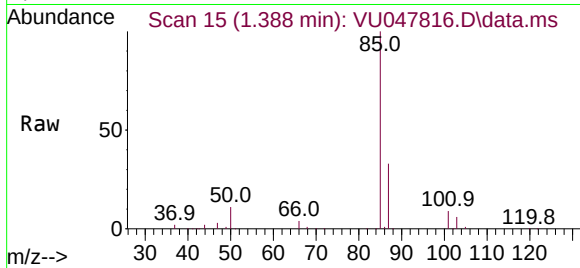




#2
Dichlorodifluoromethane
Concen: 46.094 ug/L
RT: 1.388 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047816.D
Acq: 05 Apr 2022 10:17

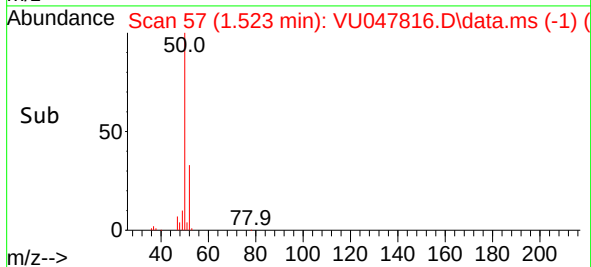
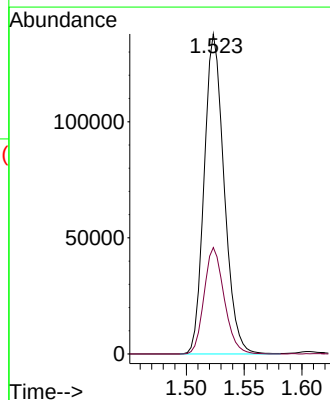
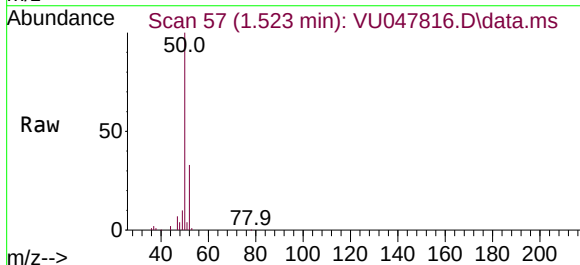
Instrument :
MSVOA_U
ClientSampleId :

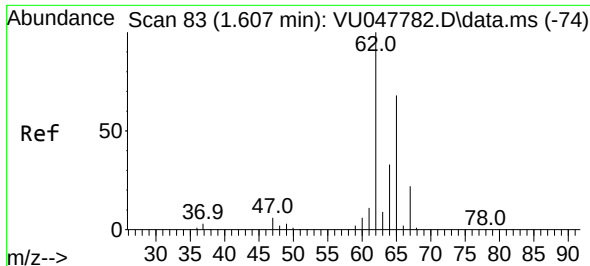
Tgt Ion: 85 Resp: 164231
Ion Ratio Lower Upper
85 100
87 32.6 25.8 38.8



#3
Chloromethane
Concen: 48.577 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU047816.D
Acq: 05 Apr 2022 10:17

Tgt Ion: 50 Resp: 165522
Ion Ratio Lower Upper
50 100
52 33.3 23.2 43.2

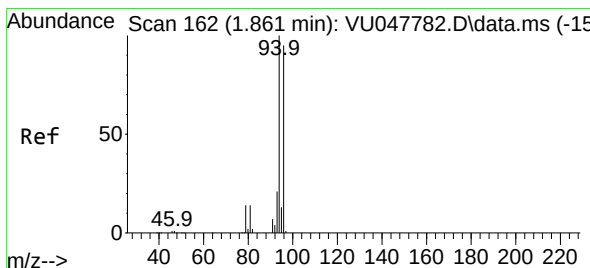
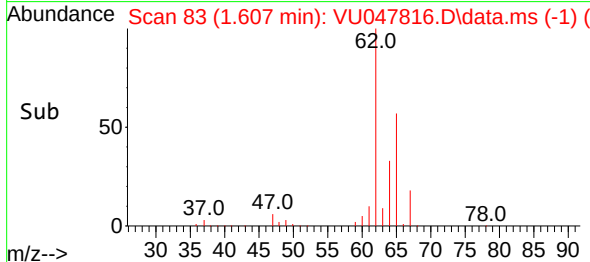
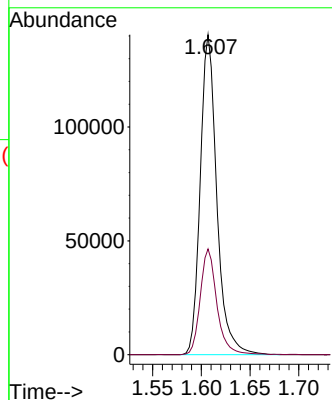
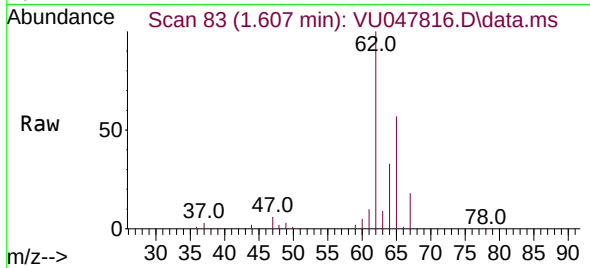




#5
 Vinyl chloride
 Concen: 47.777 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU047816.D
 Acq: 05 Apr 2022 10:17

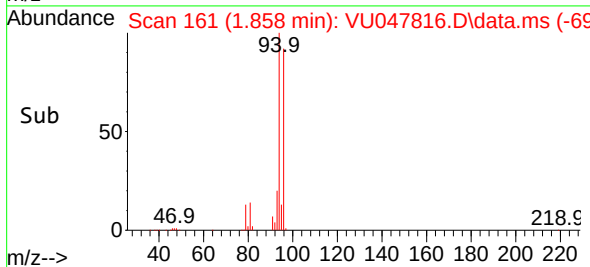
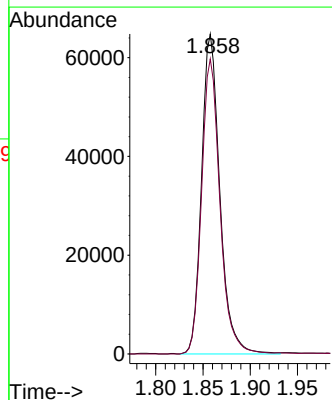
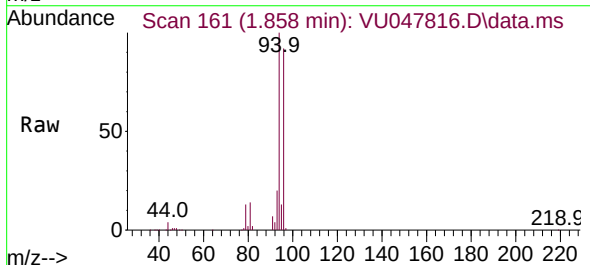
Instrument :
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 ClientSampleId :

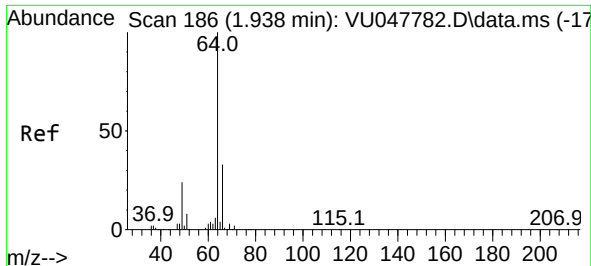
Tgt Ion: 62 Resp: 166030
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.7 43.9



#6
 Bromomethane
 Concen: 46.687 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.003 min
 Lab File: VU047816.D
 Acq: 05 Apr 2022 10:17

Tgt Ion: 94 Resp: 87324
 Ion Ratio Lower Upper
 94 100
 96 92.2 64.8 120.3

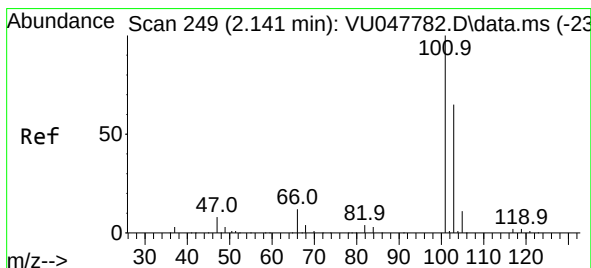
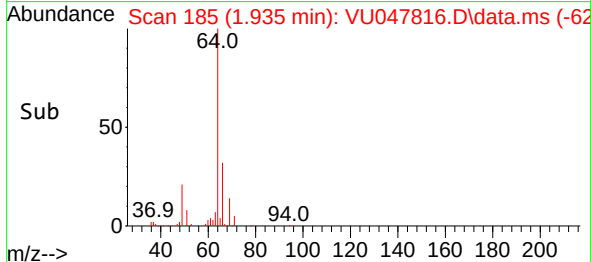
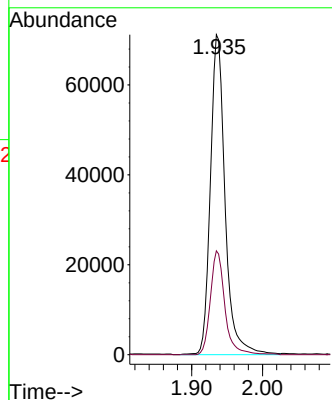
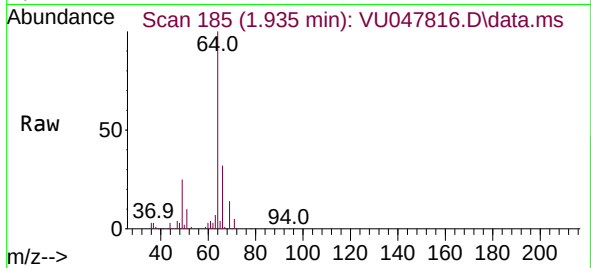




#8
Chloroethane
Concen: 47.008 ug/L
RT: 1.935 min Scan# 185
Delta R.T. -0.003 min
Lab File: VU047816.D
Acq: 05 Apr 2022 10:17

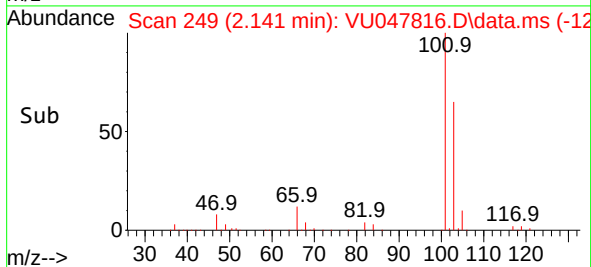
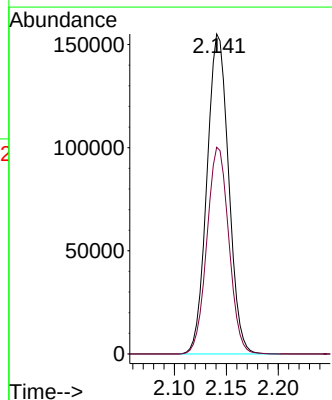
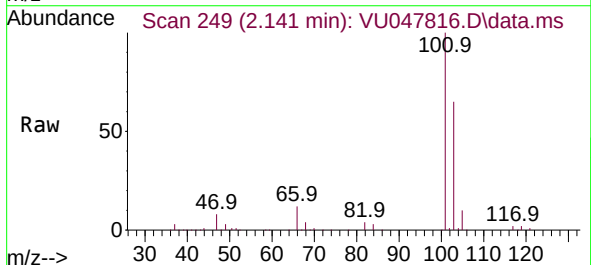
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ClientSampleId :

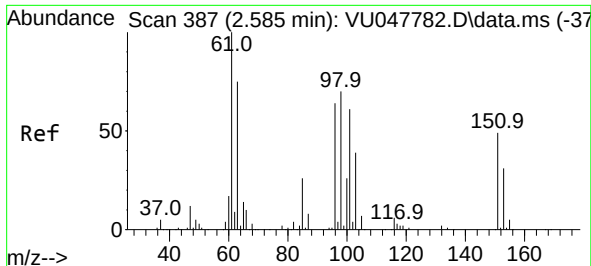
Tgt Ion: 64 Resp: 102549
Ion Ratio Lower Upper
64 100
66 32.4 23.3 43.3



#9
Trichlorofluoromethane
Concen: 45.908 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.000 min
Lab File: VU047816.D
Acq: 05 Apr 2022 10:17

Tgt Ion:101 Resp: 224967
Ion Ratio Lower Upper
101 100
103 65.3 51.4 77.2

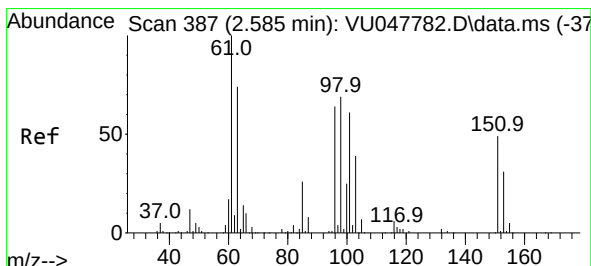
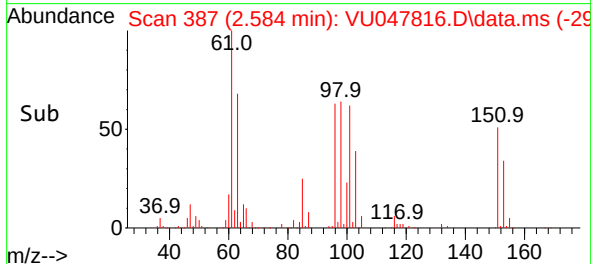
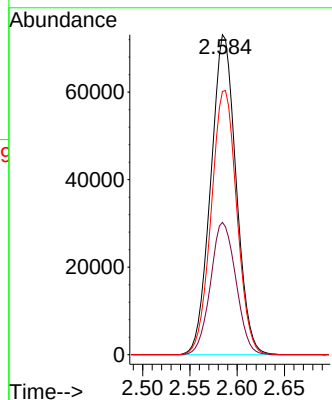
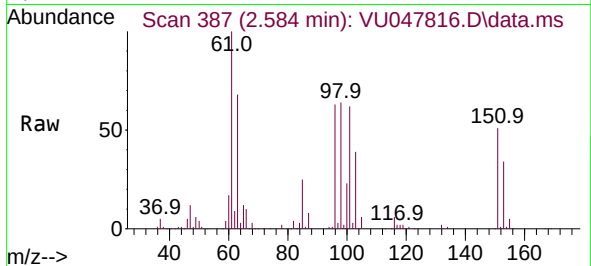




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 48.107 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU047816.D
Acq: 05 Apr 2022 10:17

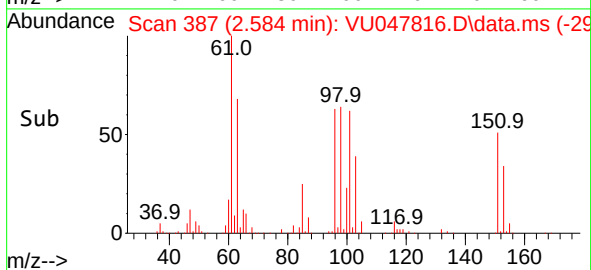
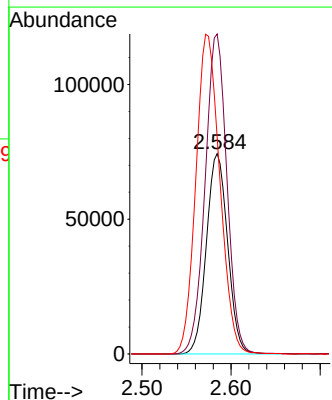
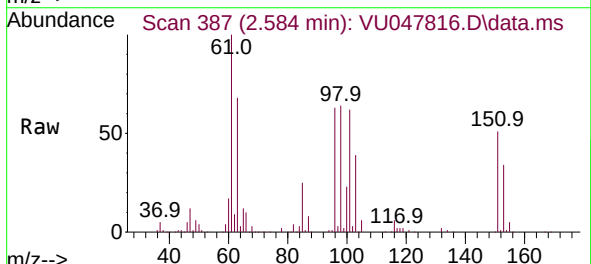
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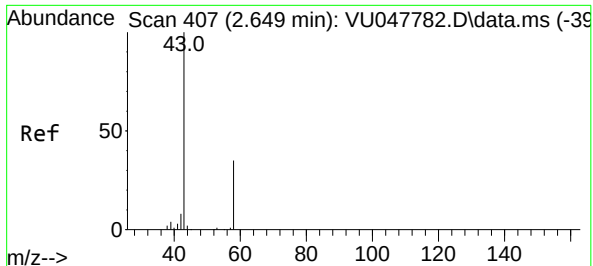
Tgt Ion:101 Resp: 136269
Ion Ratio Lower Upper
101 100
85 41.5 32.8 49.2
151 83.3 63.0 94.6



#12
1,1-Dichloroethene
Concen: 46.615 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU047816.D
Acq: 05 Apr 2022 10:17

Tgt Ion: 96 Resp: 122888
Ion Ratio Lower Upper
96 100
61 159.8 113.1 210.1
63 108.2 94.8 176.0





#13

Acetone

Concen: 98.320 ug/L

RT: 2.629 min Scan# 401

Delta R.T. -0.020 min

Lab File: VU047816.D

Acq: 05 Apr 2022 10:17

Instrument :

MSVOA_U

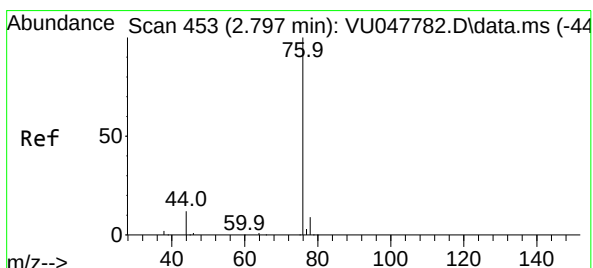
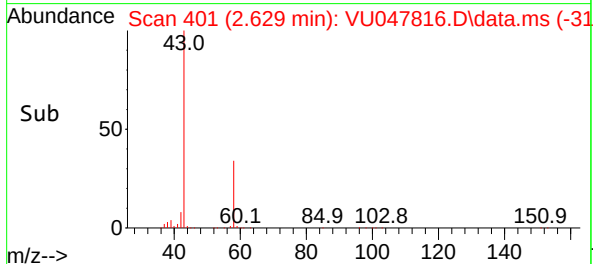
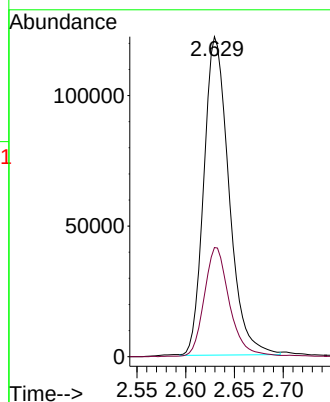
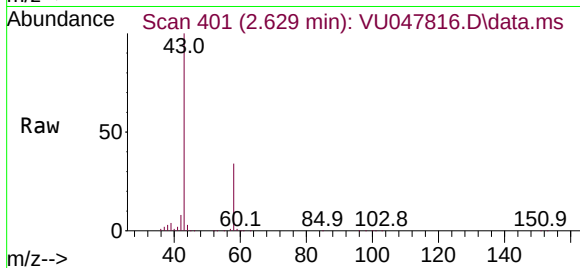
ClientSampleId :

Tgt Ion: 43 Resp: 218863

Ion Ratio Lower Upper

43 100

58 34.1 0.0 70.0



#14

Carbon disulfide

Concen: 42.698 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.003 min

Lab File: VU047816.D

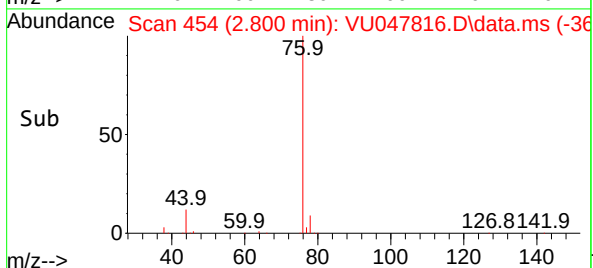
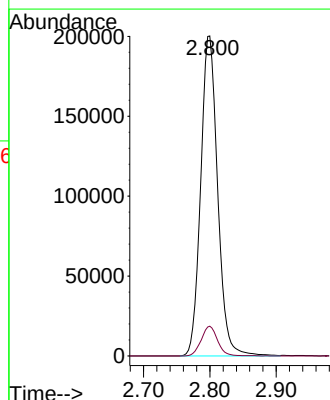
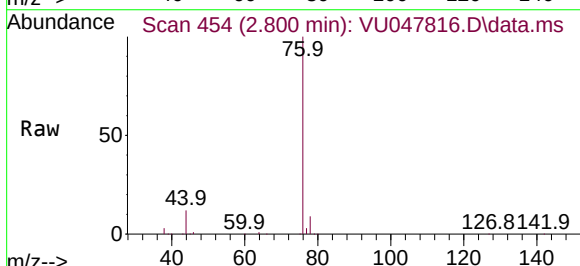
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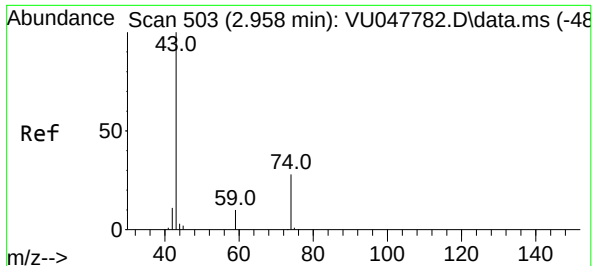
Tgt Ion: 76 Resp: 355799

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

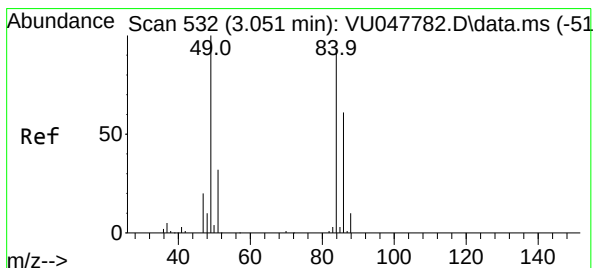
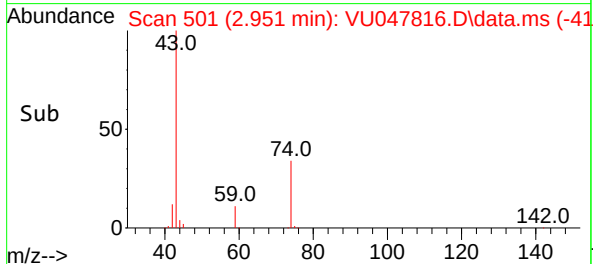
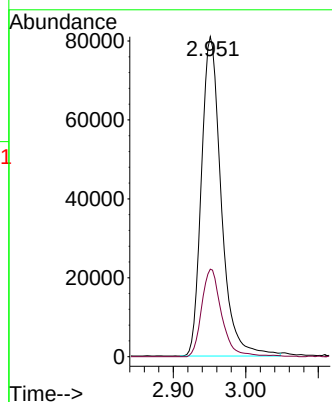
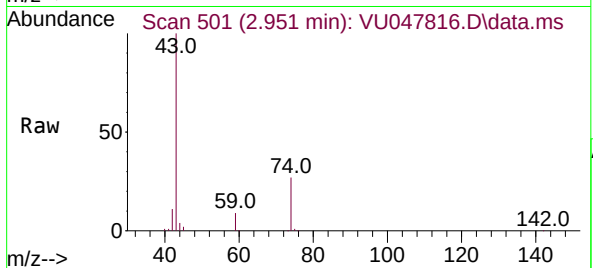




#15
Methyl Acetate
Concen: 43.391 ug/L
RT: 2.951 min Scan# 501
Delta R.T. -0.007 min
Lab File: VU047816.D
Acq: 05 Apr 2022 10:17

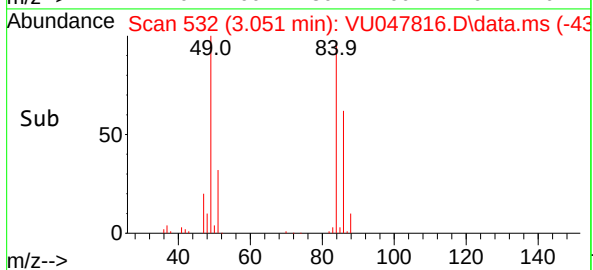
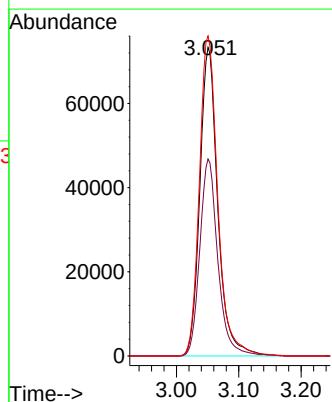
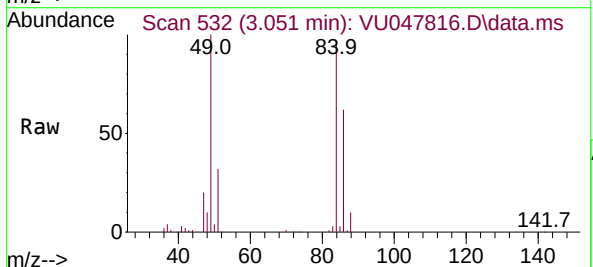
Instrument :
MSVOA_U
ClientSampleId :

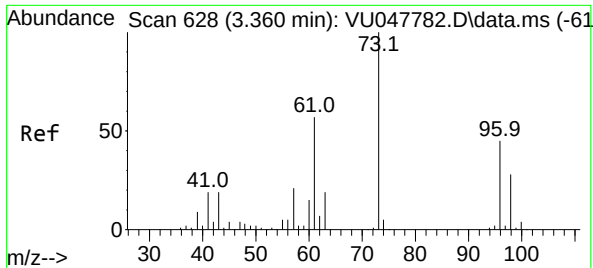
Tgt Ion: 43 Resp: 154021
Ion Ratio Lower Upper
43 100
74 27.3 22.2 33.2



#16
Methylene chloride
Concen: 48.493 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU047816.D
Acq: 05 Apr 2022 10:17

Tgt Ion: 84 Resp: 146698
Ion Ratio Lower Upper
84 100
86 63.9 46.0 85.4
49 103.8 75.3 139.8





#17

trans-1,2-Dichloroethene

Concen: 46.720 ug/L

RT: 3.359 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU047816.D

Acq: 05 Apr 2022 10:17

Instrument :

MSVOA_U

ClientSampleId :

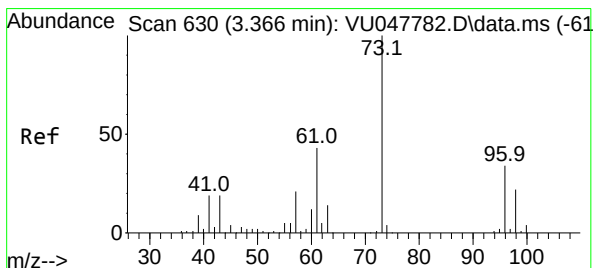
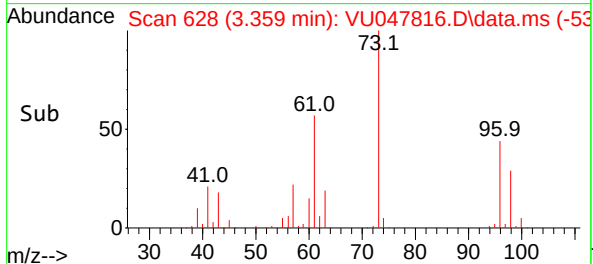
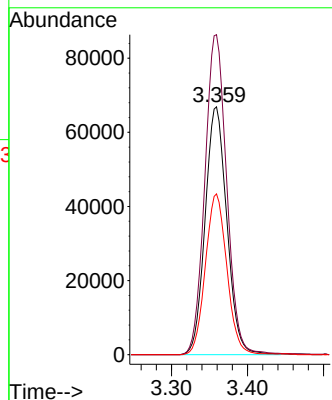
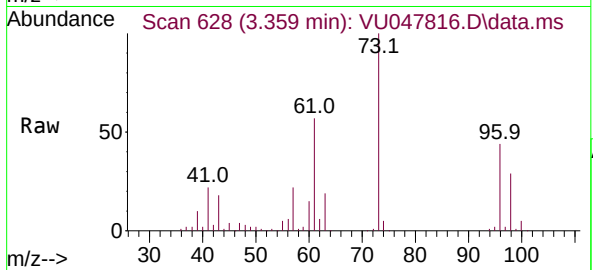
Tgt Ion: 96 Resp: 132844

Ion Ratio Lower Upper

96 100

61 129.1 88.4 164.2

98 64.9 43.3 80.5



#18

Methyl tert-butyl Ether

Concen: 48.723 ug/L

RT: 3.366 min Scan# 630

Delta R.T. -0.000 min

Lab File: VU047816.D

Acq: 05 Apr 2022 10:17

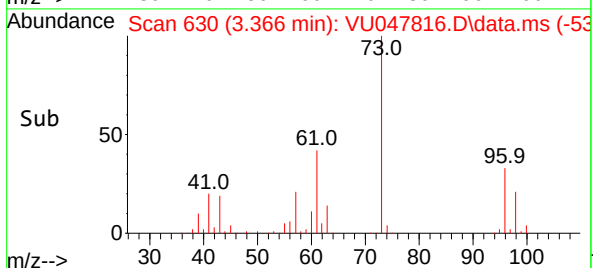
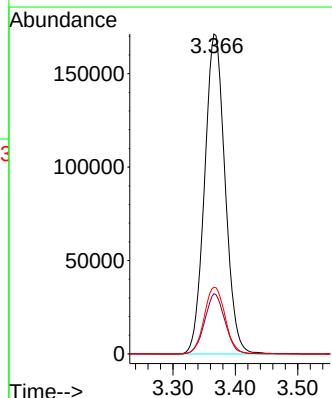
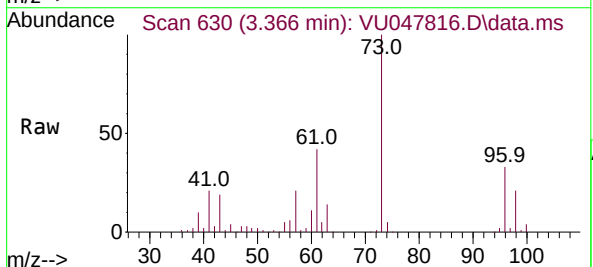
Tgt Ion: 73 Resp: 390855

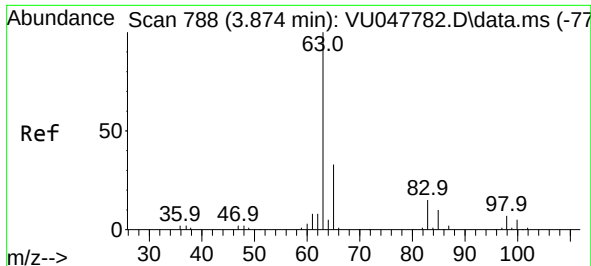
Ion Ratio Lower Upper

73 100

43 18.7 15.3 22.9

57 21.3 17.0 25.6





#19

1,1-Dichloroethane

Concen: 48.770 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.000 min

Lab File: VU047816.D

Acq: 05 Apr 2022 10:17

Instrument :

MSVOA_U

ClientSampleId :

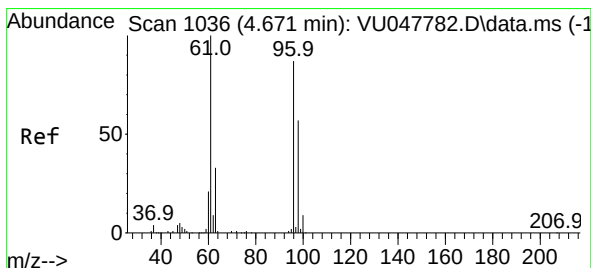
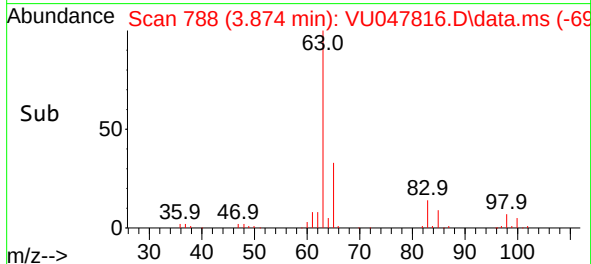
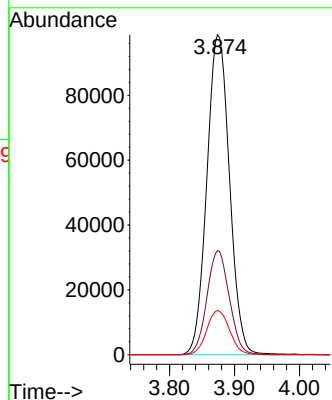
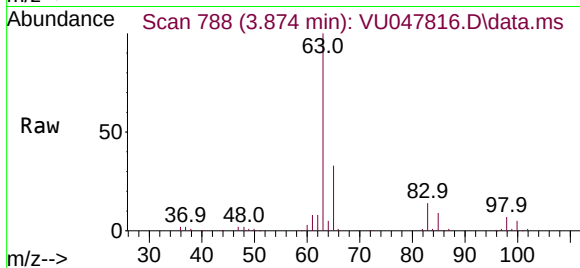
Tgt Ion: 63 Resp: 239164

Ion Ratio Lower Upper

63 100

65 32.5 22.0 41.0

83 13.8 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 48.752 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU047816.D

Acq: 05 Apr 2022 10:17

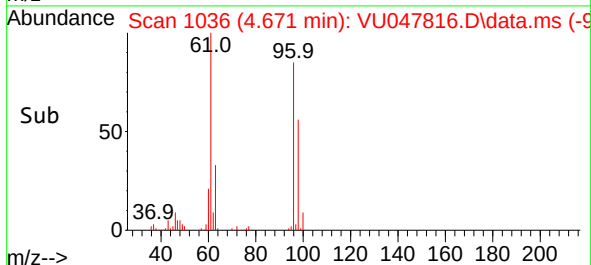
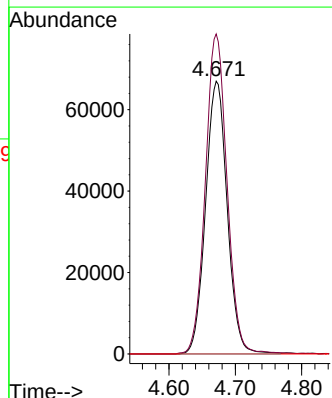
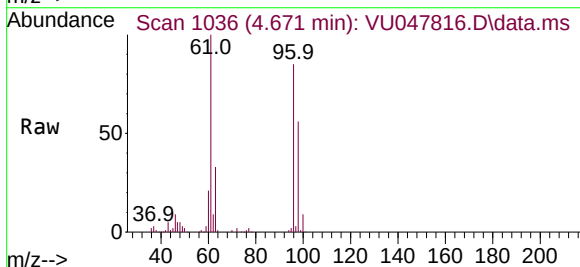
Tgt Ion: 96 Resp: 151974

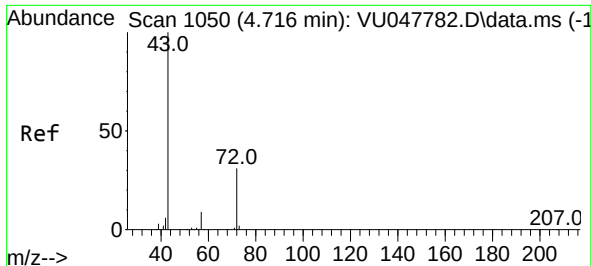
Ion Ratio Lower Upper

96 100

61 117.3 80.7 149.9

68 0.0 0.0 0.0

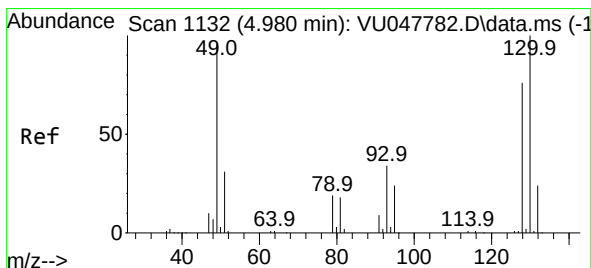
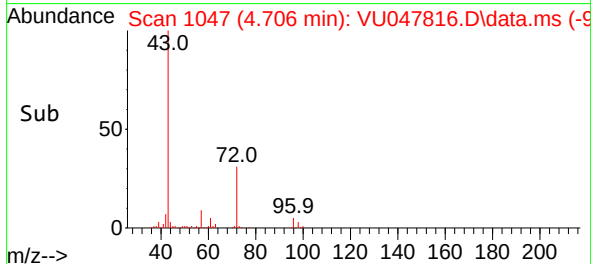
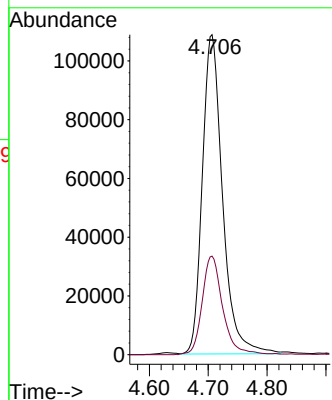
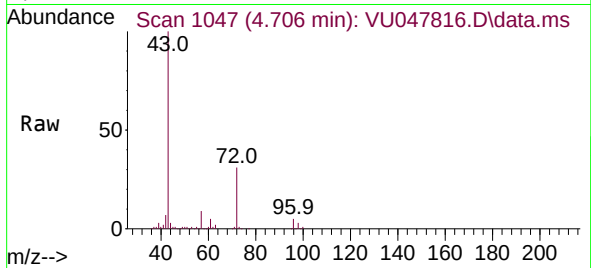




#22
2-Butanone
Concen: 90.602 ug/L
RT: 4.706 min Scan# 1047
Delta R.T. -0.010 min
Lab File: VU047816.D
Acq: 05 Apr 2022 10:17

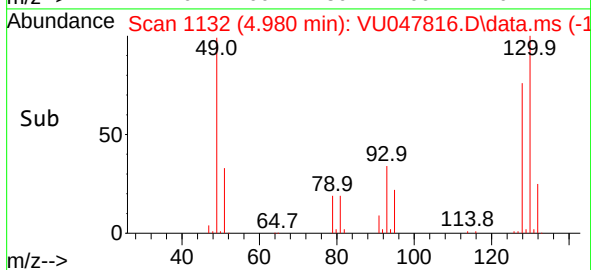
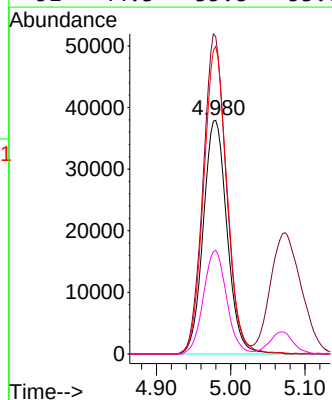
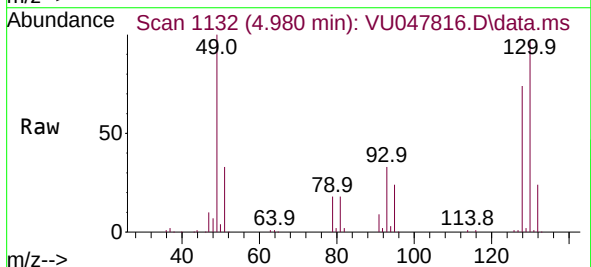
Instrument :
MSVOA_U
ClientSampleId :

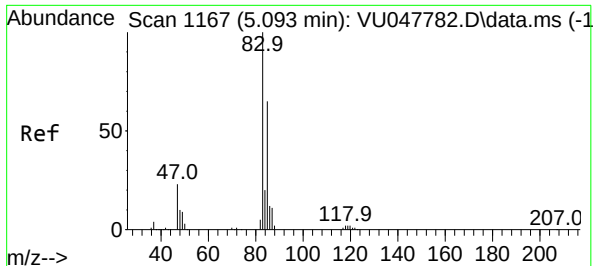
Tgt Ion: 43 Resp: 259801
Ion Ratio Lower Upper
43 100
72 31.2 16.0 47.9



#23
Bromochloromethane
Concen: 49.212 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VU047816.D
Acq: 05 Apr 2022 10:17

Tgt Ion: 128 Resp: 84227
Ion Ratio Lower Upper
128 100
49 135.8 94.1 174.8
130 131.6 90.2 167.4
51 44.3 35.8 53.6





#25

Chloroform

Concen: 48.969 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU047816.D

Acq: 05 Apr 2022 10:17

Instrument :

MSVOA_U

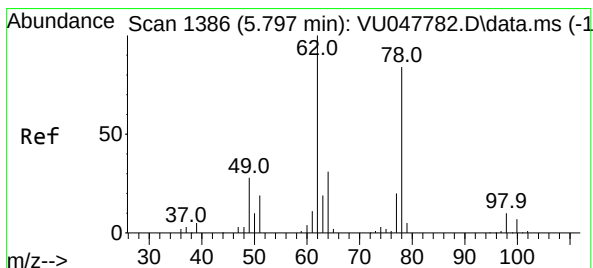
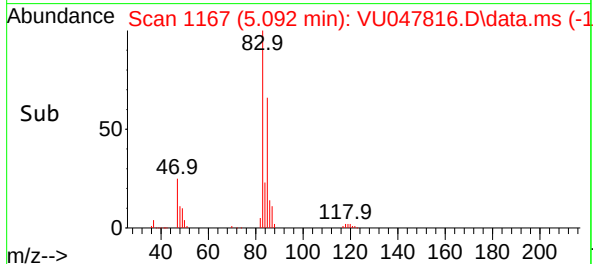
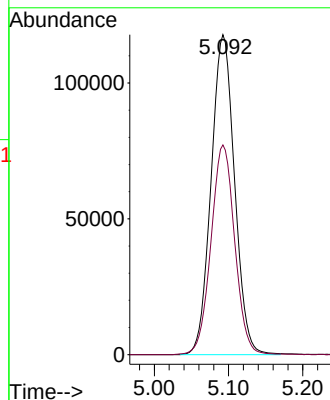
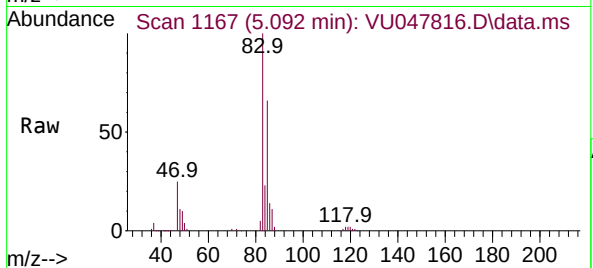
ClientSampleId :

Tgt Ion: 83 Resp: 258542

Ion Ratio Lower Upper

83 100

85 65.6 46.2 85.8



#27

1,2-Dichloroethane

Concen: 48.317 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU047816.D

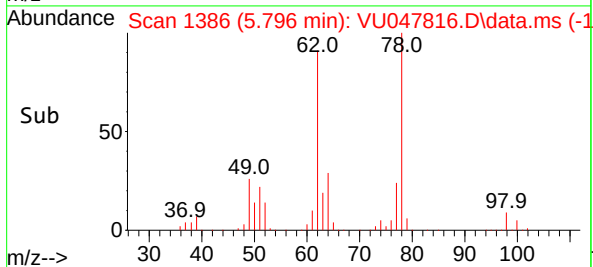
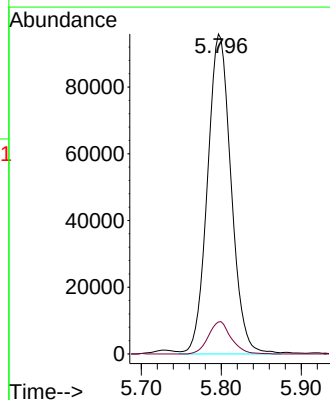
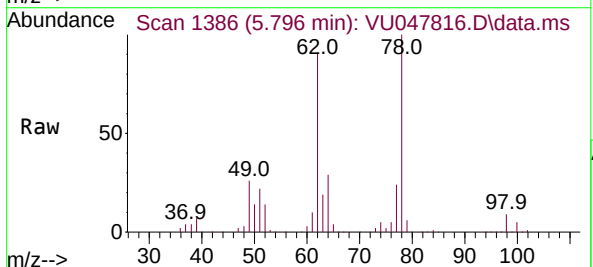
Acq: 05 Apr 2022 10:17

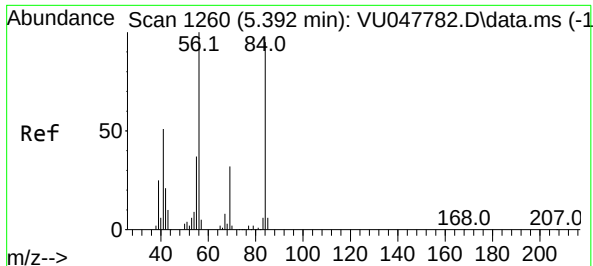
Tgt Ion: 62 Resp: 197088

Ion Ratio Lower Upper

62 100

98 10.0 7.4 11.0





#29

Cyclohexane

Concen: 48.619 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.003 min

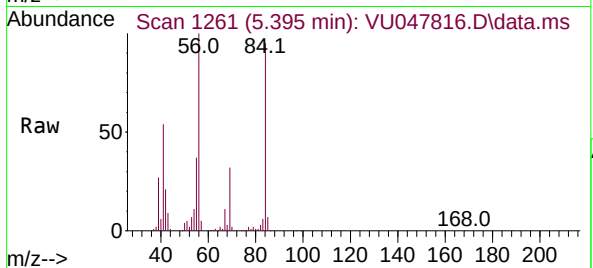
Lab File: VU047816.D

Acq: 05 Apr 2022 10:17

Instrument :

MSVOA_U

ClientSampleId :



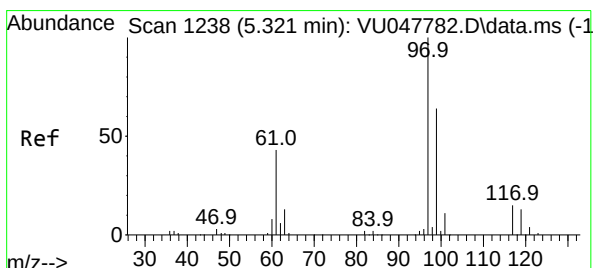
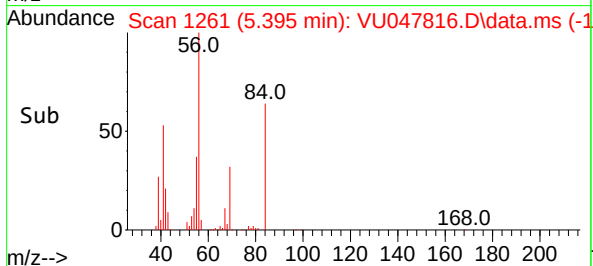
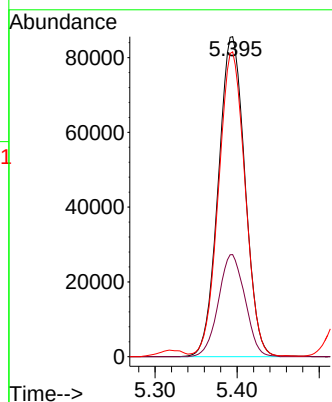
Tgt Ion: 56 Resp: 192914

Ion Ratio Lower Upper

56 100

69 31.8 25.4 38.2

84 95.3 77.0 115.6



#30

1,1,1-Trichloroethane

Concen: 48.414 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU047816.D

Acq: 05 Apr 2022 10:17

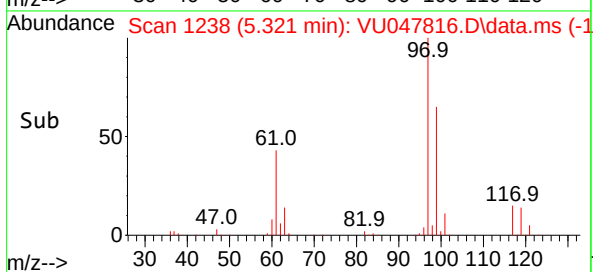
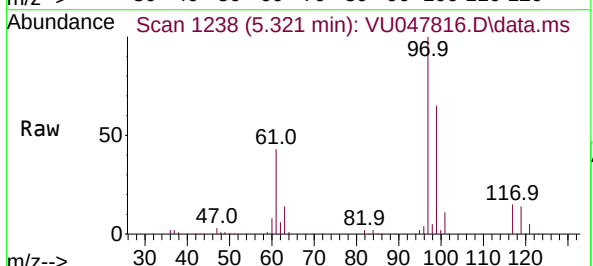
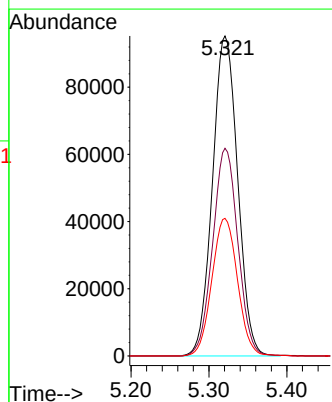
Tgt Ion: 97 Resp: 214663

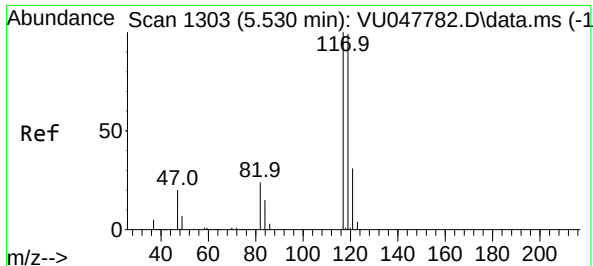
Ion Ratio Lower Upper

97 100

99 64.8 51.6 77.4

61 43.8 34.2 51.4

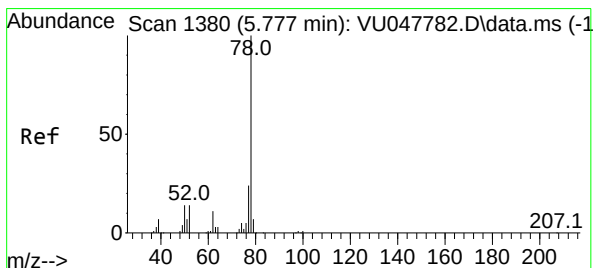
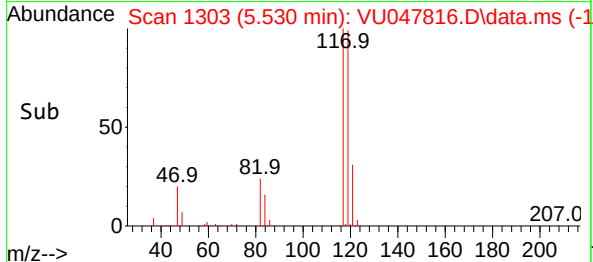
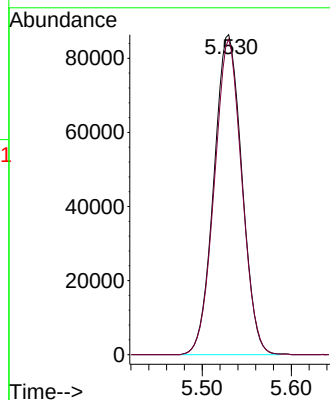
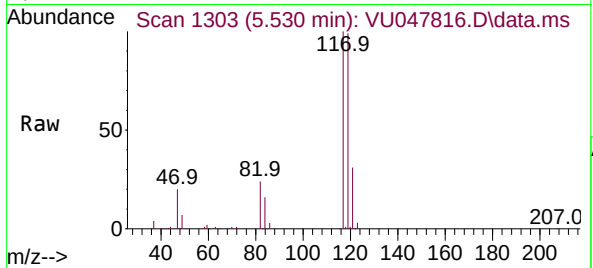




#31
Carbon tetrachloride
Concen: 47.135 ug/L
RT: 5.530 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047816.D
Acq: 05 Apr 2022 10:17

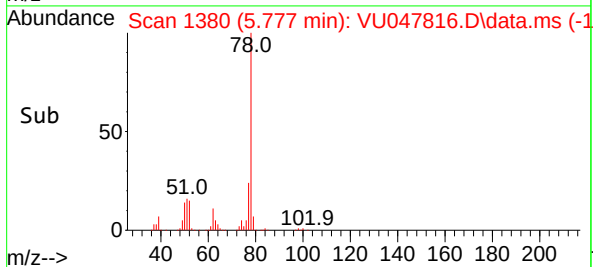
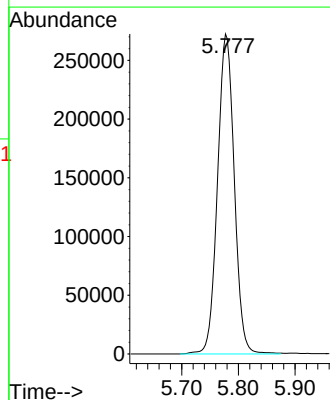
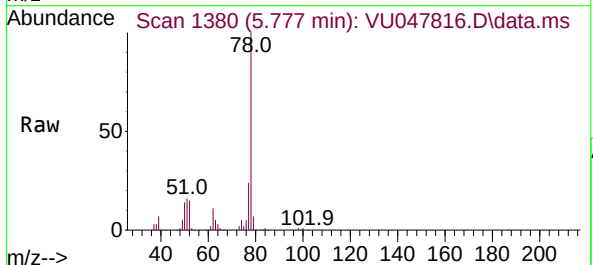
Instrument :
MSVOA_U
ClientSampleId :

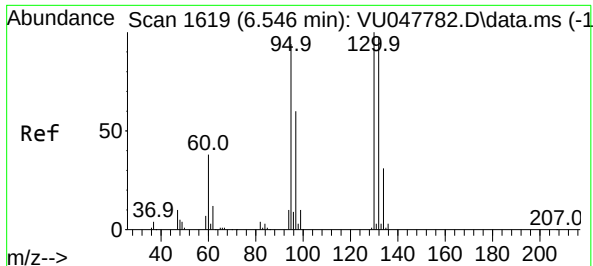
Tgt Ion:117 Resp: 188718
Ion Ratio Lower Upper
117 100
119 96.6 77.2 115.8



#33
Benzene
Concen: 49.439 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047816.D
Acq: 05 Apr 2022 10:17

Tgt Ion: 78 Resp: 559568





#34

Trichloroethene

Concen: 49.510 ug/L

RT: 6.546 min Scan# 1

Delta R.T. -0.000 min

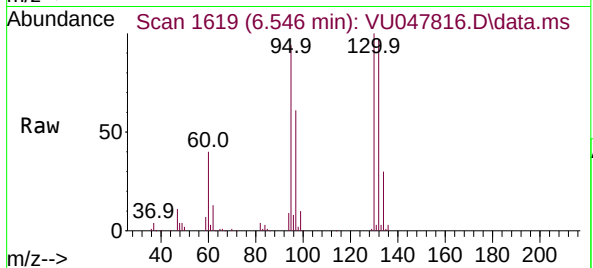
Lab File: VU047816.D

Acq: 05 Apr 2022 10:17

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 146913

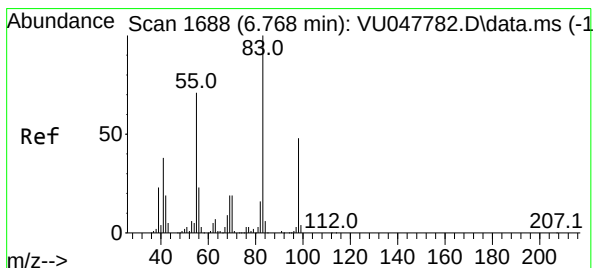
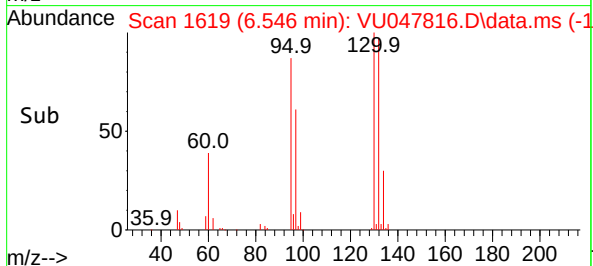
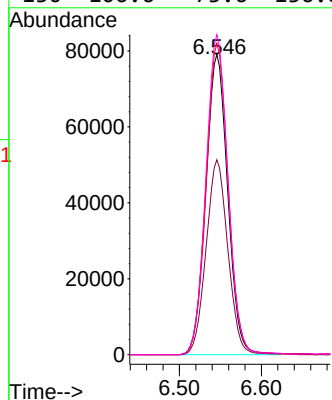
Ion Ratio Lower Upper

95 100

97 64.9 44.7 82.9

132 103.7 70.4 130.8

130 106.6 73.6 136.8



#35

Methylcyclohexane

Concen: 49.974 ug/L

RT: 6.767 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VU047816.D

Acq: 05 Apr 2022 10:17

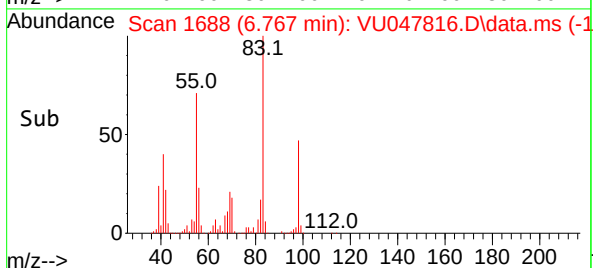
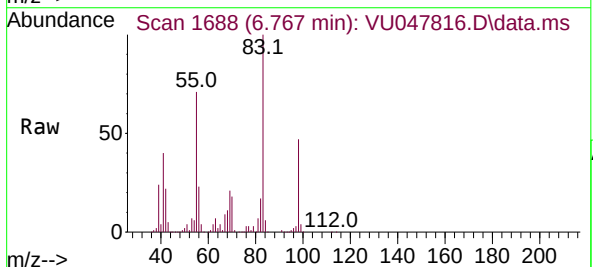
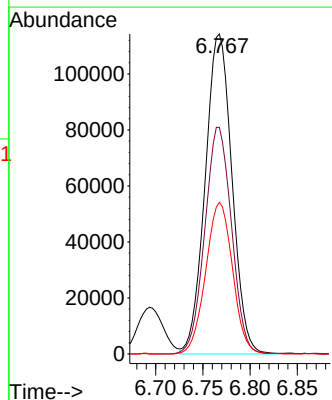
Tgt Ion: 83 Resp: 225599

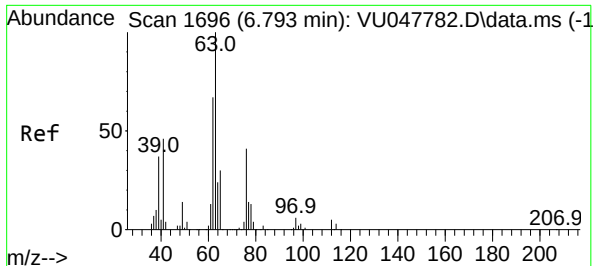
Ion Ratio Lower Upper

83 100

55 70.6 56.8 85.2

98 47.5 38.1 57.1





#37

1,2-Dichloropropane

Concen: 51.068 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047816.D

Acq: 05 Apr 2022 10:17

Instrument :

MSVOA_U

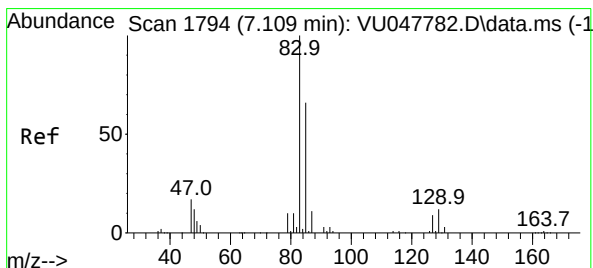
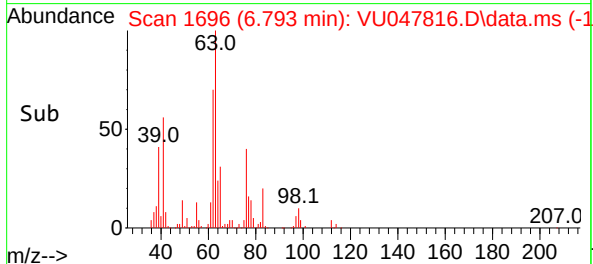
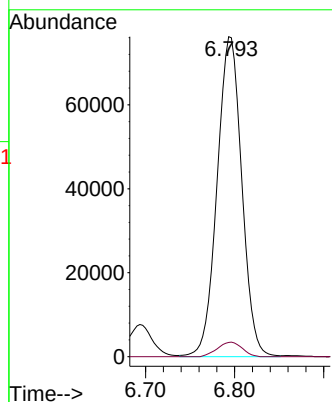
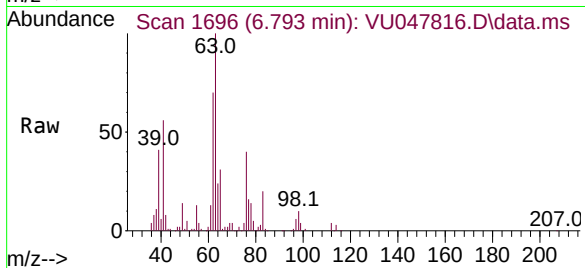
ClientSampleId :

Tgt Ion: 63 Resp: 146938

Ion Ratio Lower Upper

63 100

112 4.5 3.4 5.2



#38

Bromodichloromethane

Concen: 49.524 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU047816.D

Acq: 05 Apr 2022 10:17

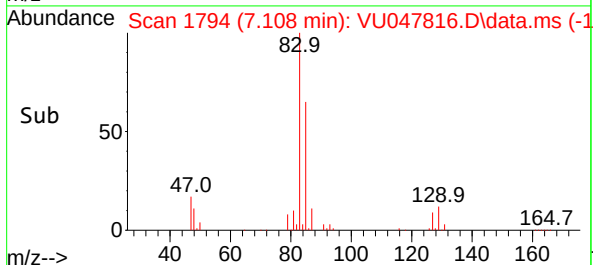
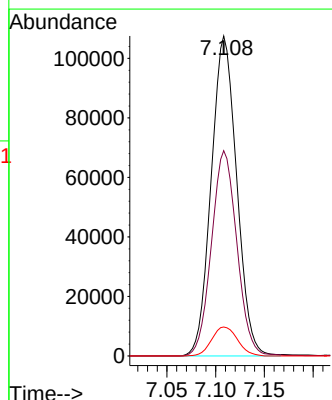
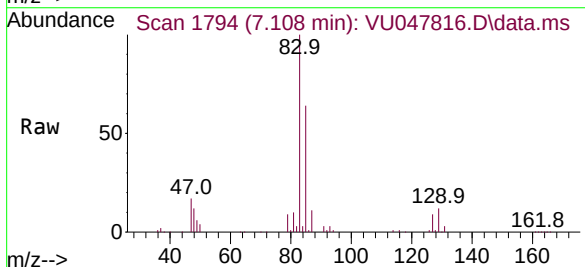
Tgt Ion: 83 Resp: 195679

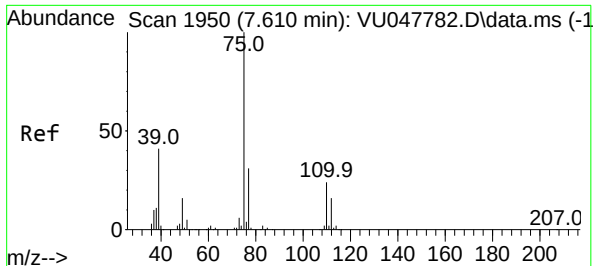
Ion Ratio Lower Upper

83 100

85 64.2 44.4 82.4

127 9.1 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 49.152 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU047816.D

Acq: 05 Apr 2022 10:17

Instrument :

MSVOA_U

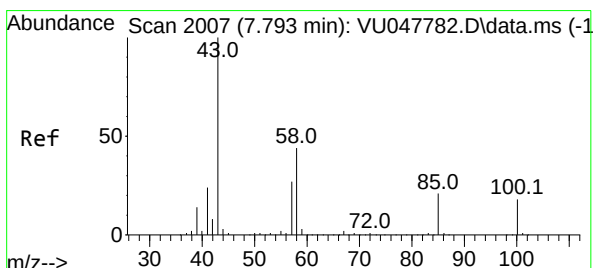
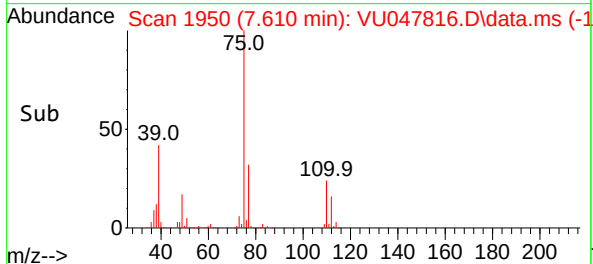
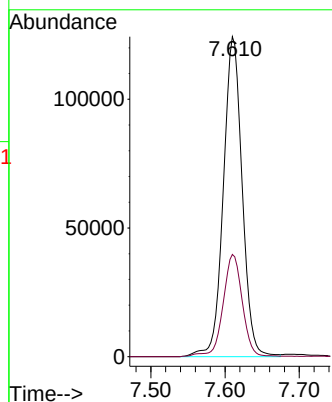
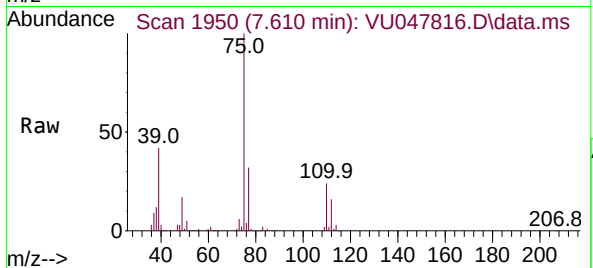
ClientSampleId :

Tgt Ion: 75 Resp: 219439

Ion Ratio Lower Upper

75 100

77 31.9 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 90.318 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU047816.D

Acq: 05 Apr 2022 10:17

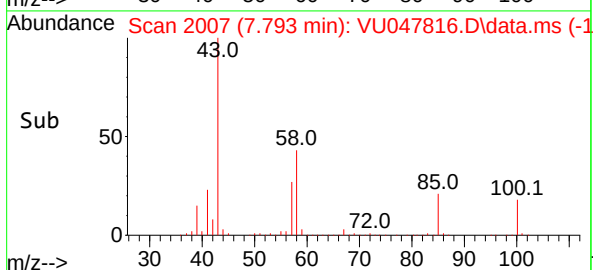
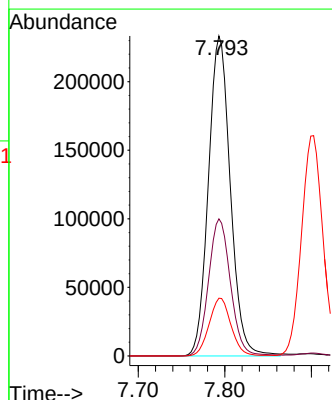
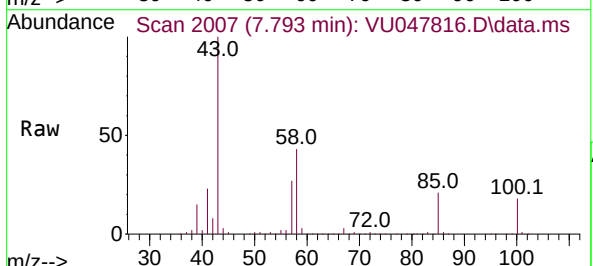
Tgt Ion: 43 Resp: 410727

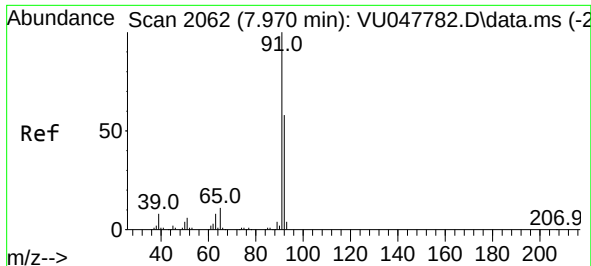
Ion Ratio Lower Upper

43 100

58 43.0 34.7 52.1

100 18.0 14.2 21.2





#42

Toluene

Concen: 50.348 ug/L

RT: 7.973 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU047816.D

Acq: 05 Apr 2022 10:17

Instrument :

MSVOA_U

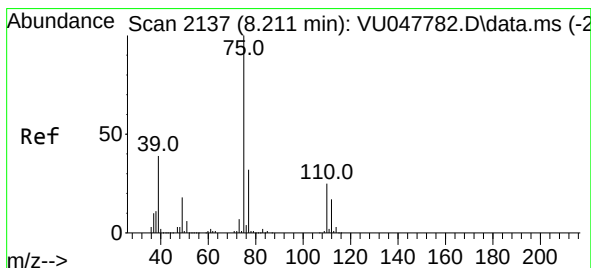
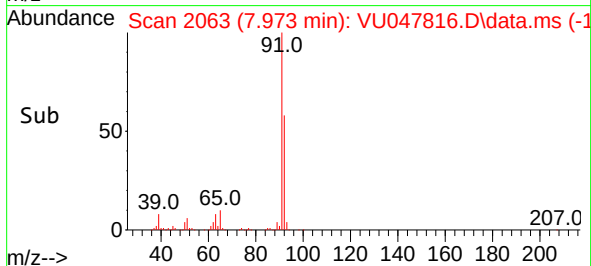
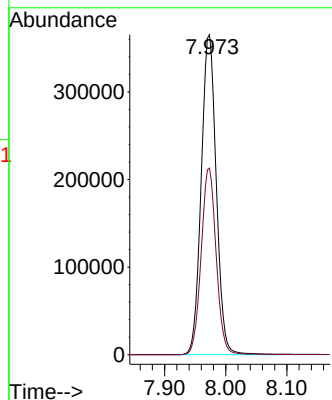
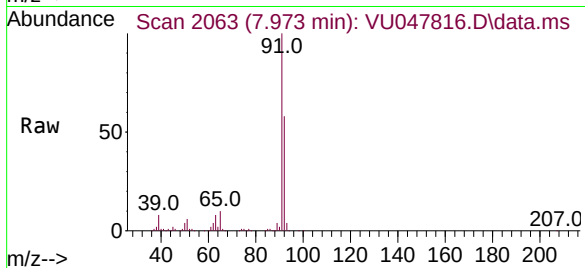
ClientSampleId :

Tgt Ion: 91 Resp: 625278

Ion Ratio Lower Upper

91 100

92 58.3 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 47.779 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU047816.D

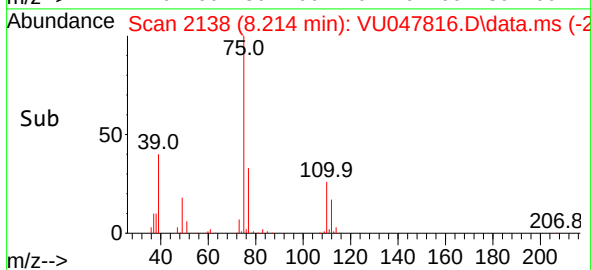
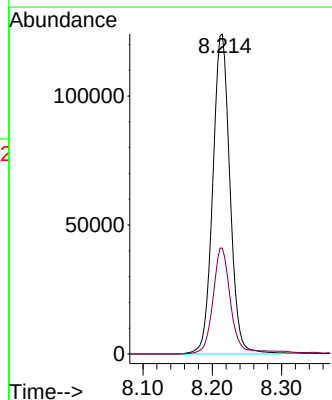
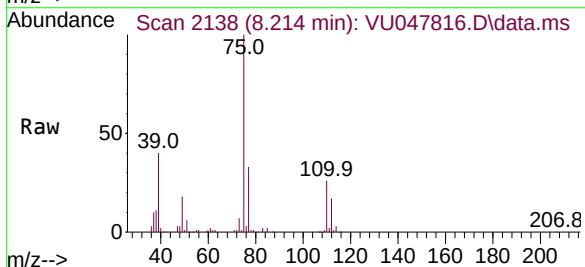
Acq: 05 Apr 2022 10:17

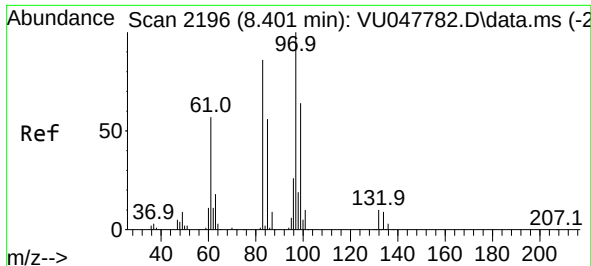
Tgt Ion: 75 Resp: 212981

Ion Ratio Lower Upper

75 100

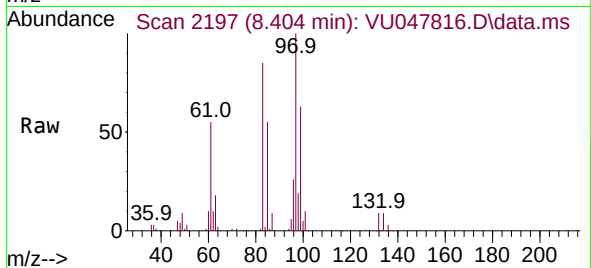
77 33.1 22.0 40.8



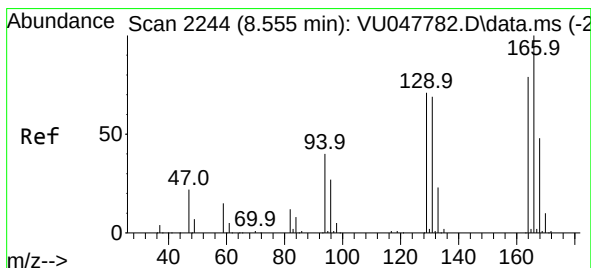
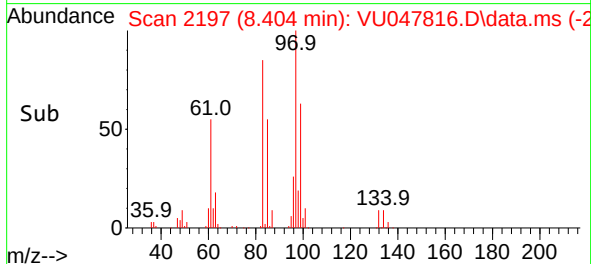
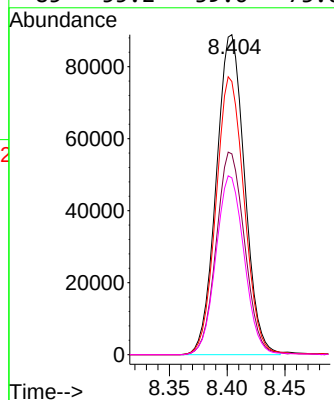


#45
1,1,2-Trichloroethane
Concen: 49.721 ug/L
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU047816.D
Acq: 05 Apr 2022 10:17

Instrument :
MSVOA_U
ClientSampleId :

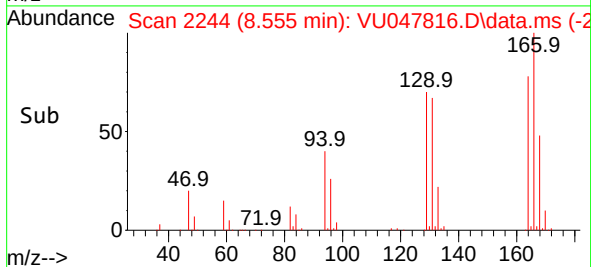
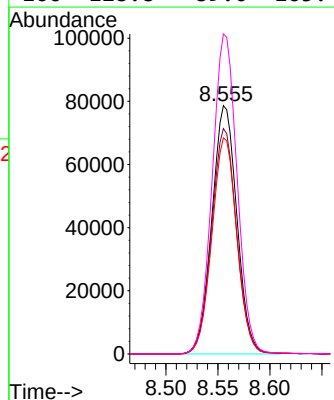
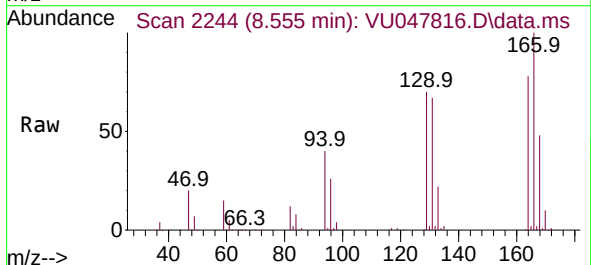


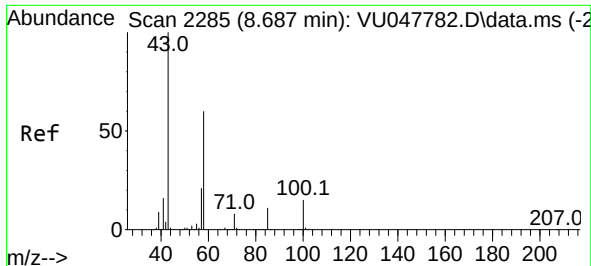
Tgt Ion:	97	Resp:	151728
Ion	Ratio	Lower	Upper
97	100		
99	62.8	43.3	80.3
83	85.3	61.0	113.4
85	55.2	39.6	73.6



#46
Tetrachloroethene
Concen: 49.377 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047816.D
Acq: 05 Apr 2022 10:17

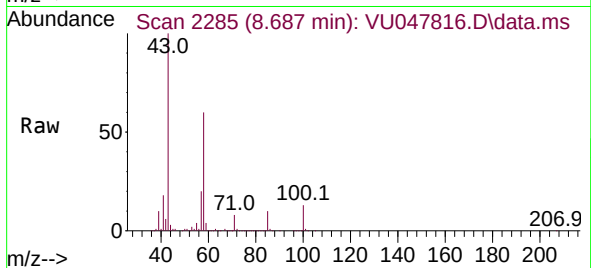
Tgt Ion:	164	Resp:	131667
Ion	Ratio	Lower	Upper
164	100		
129	90.8	62.4	116.0
131	86.9	60.7	112.7
166	128.8	89.0	165.4



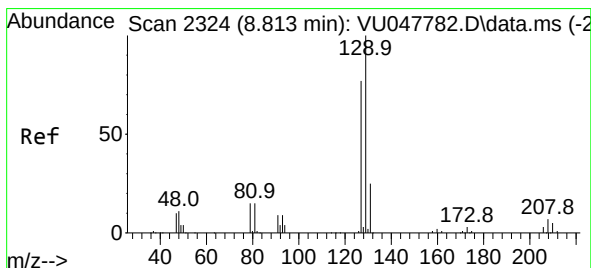
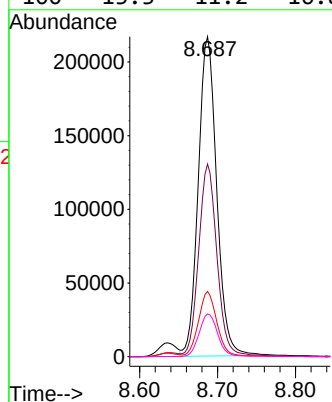
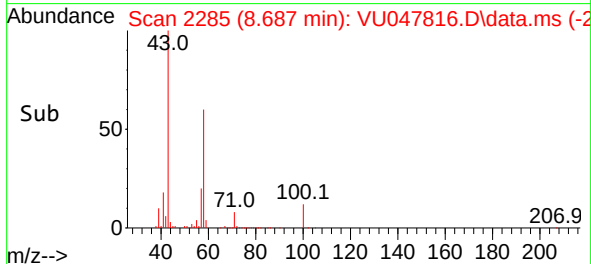


#48
2-Hexanone
Concen: 91.364 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047816.D
Acq: 05 Apr 2022 10:17

Instrument :
MSVOA_U
ClientSampleId :

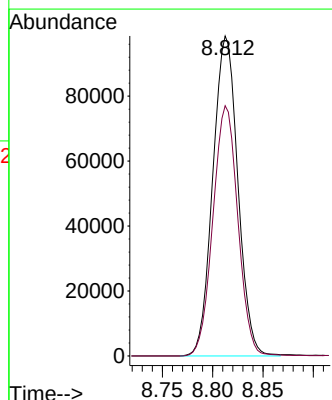
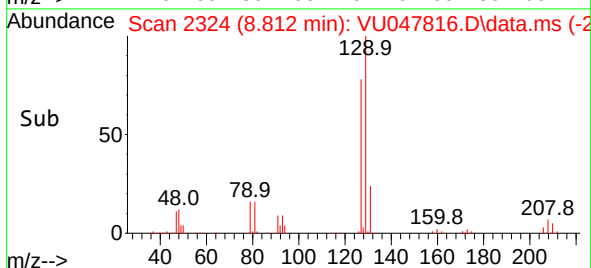
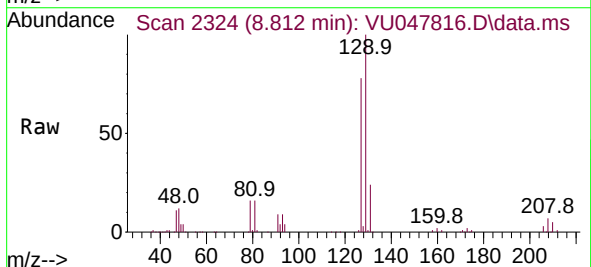


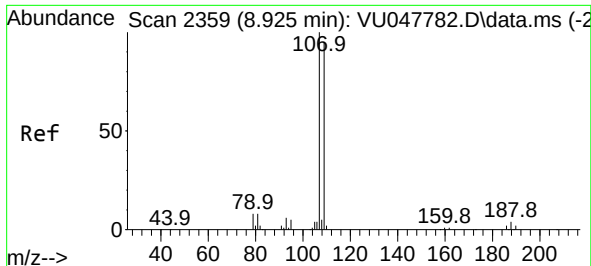
Tgt Ion: 43 Resp: 357393
Ion Ratio Lower Upper
43 100
58 59.3 48.1 72.1
57 20.7 16.2 24.4
100 13.3 11.2 16.8



#49
Dibromochloromethane
Concen: 48.267 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU047816.D
Acq: 05 Apr 2022 10:17

Tgt Ion: 129 Resp: 170598
Ion Ratio Lower Upper
129 100
127 78.2 54.2 100.6





#50

1,2-Dibromoethane

Concen: 48.186 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

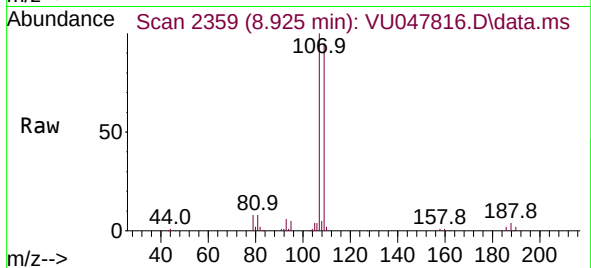
Lab File: VU047816.D

Acq: 05 Apr 2022 10:17

Instrument :

MSVOA_U

ClientSampleId :



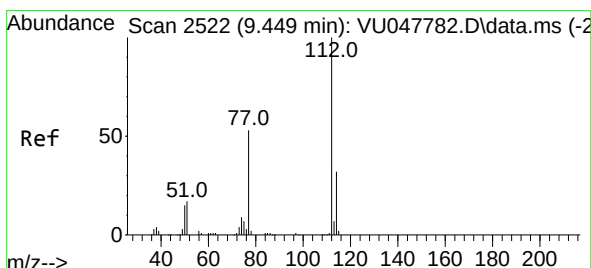
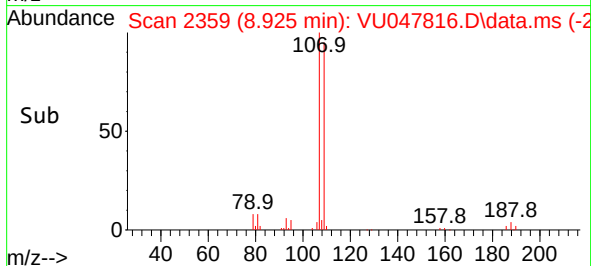
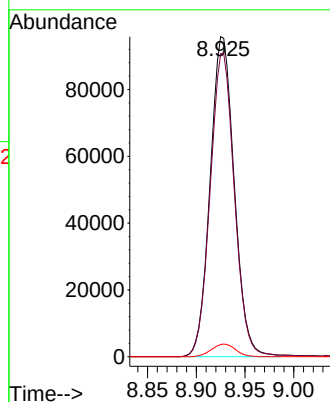
Tgt Ion:107 Resp: 164849

Ion Ratio Lower Upper

107 100

109 94.7 66.6 123.6

188 3.8 3.4 5.2



#51

Chlorobenzene

Concen: 49.112 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU047816.D

Acq: 05 Apr 2022 10:17

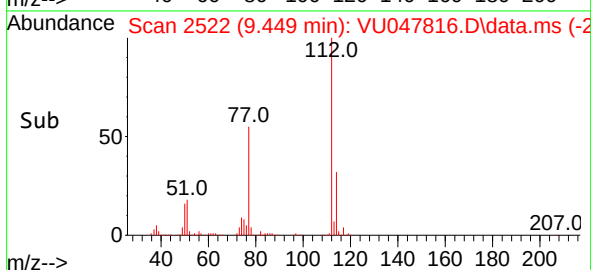
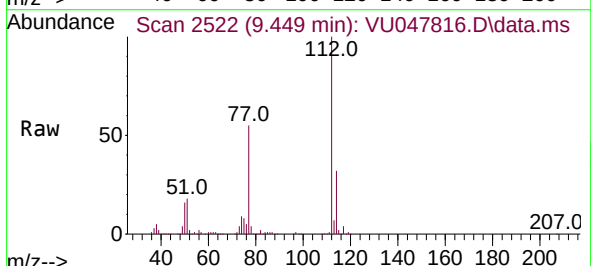
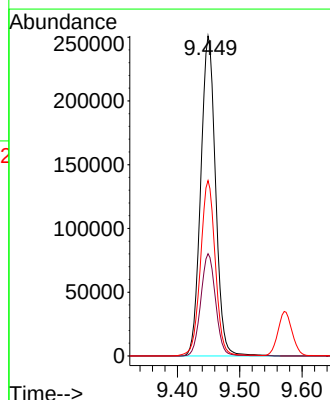
Tgt Ion:112 Resp: 414128

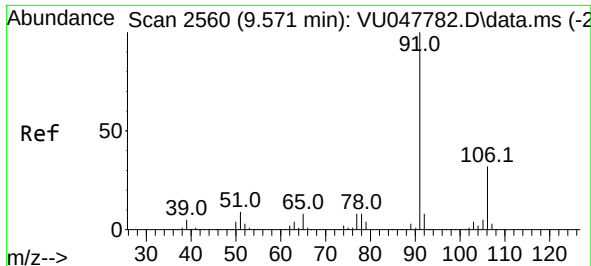
Ion Ratio Lower Upper

112 100

114 31.9 22.1 41.1

77 54.8 43.4 65.0





#52

Ethylbenzene

Concen: 49.898 ug/L

RT: 9.574 min Scan# 2560

Delta R.T. 0.003 min

Lab File: VU047816.D

Acq: 05 Apr 2022 10:17

Instrument :

MSVOA_U

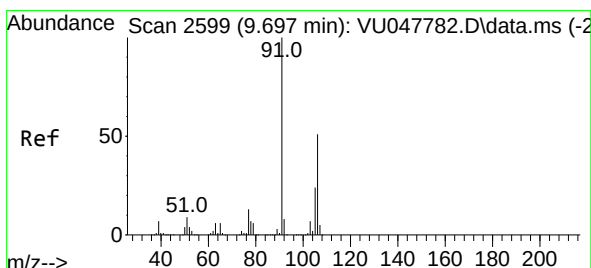
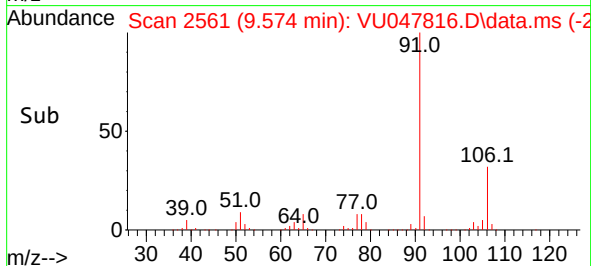
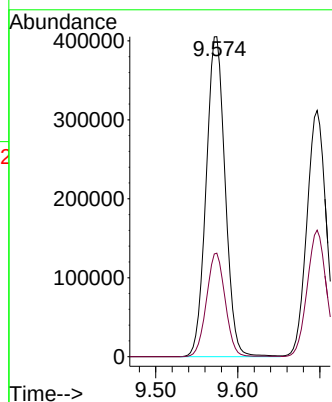
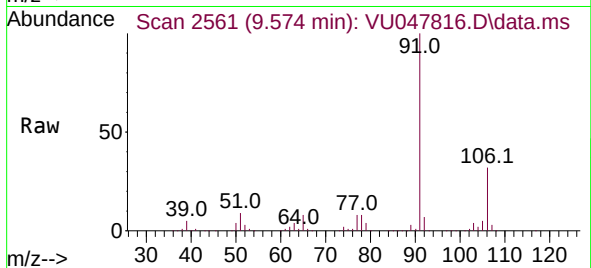
ClientSampleId :

Tgt Ion: 91 Resp: 651576

Ion Ratio Lower Upper

91 100

106 32.4 22.4 41.6



#53

m,p-Xylene

Concen: 51.465 ug/L

RT: 9.697 min Scan# 2599

Delta R.T. -0.000 min

Lab File: VU047816.D

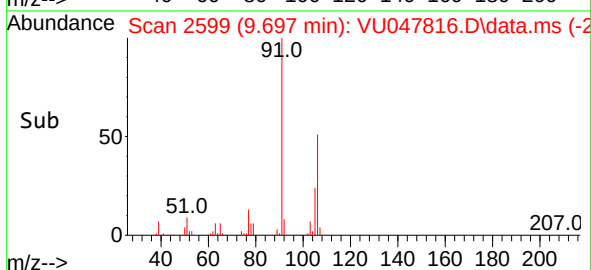
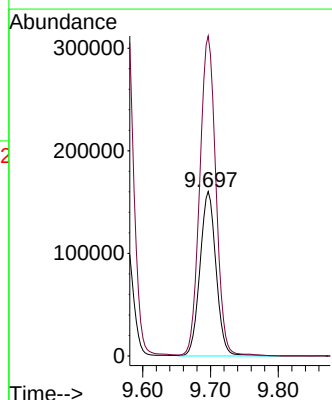
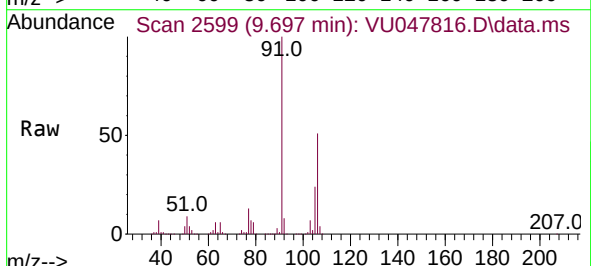
Acq: 05 Apr 2022 10:17

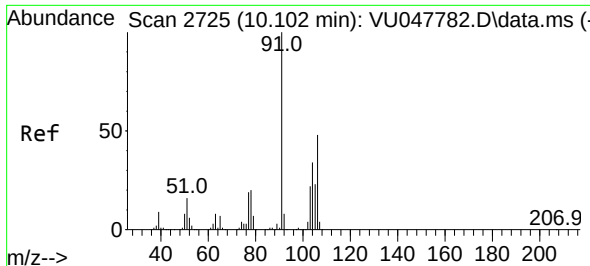
Tgt Ion:106 Resp: 263695

Ion Ratio Lower Upper

106 100

91 194.5 137.7 255.7

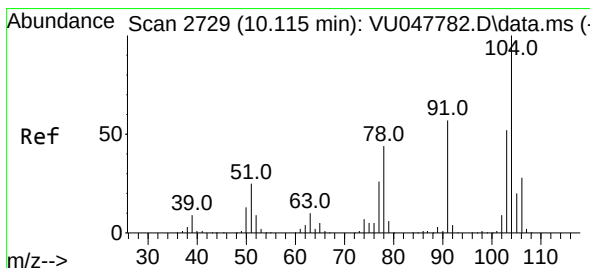
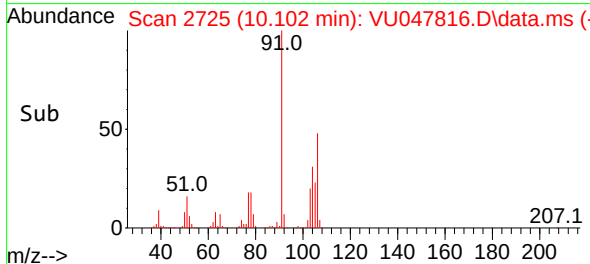
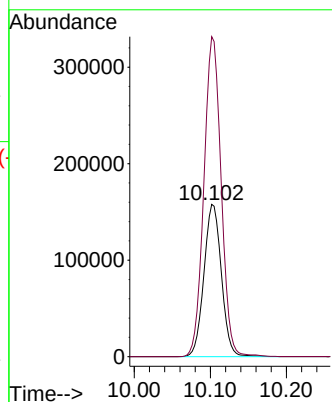
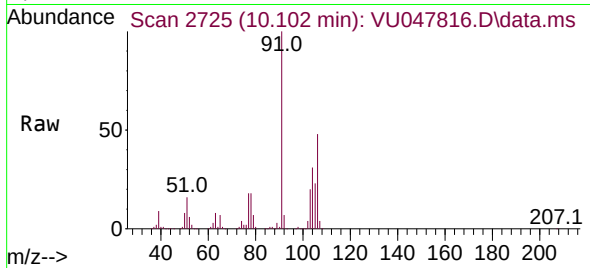




#54
o-Xylene
Concen: 50.061 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU047816.D
Acq: 05 Apr 2022 10:17

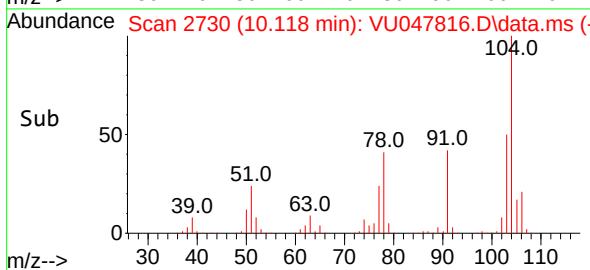
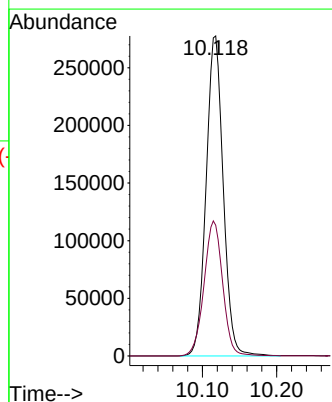
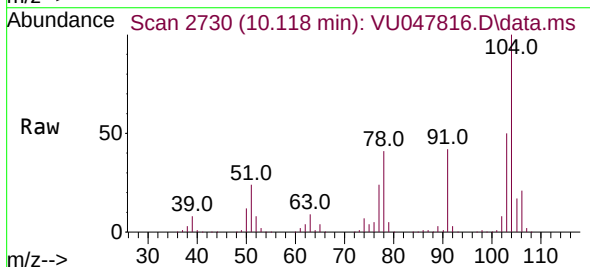
Instrument :
MSVOA_U
ClientSampleId :

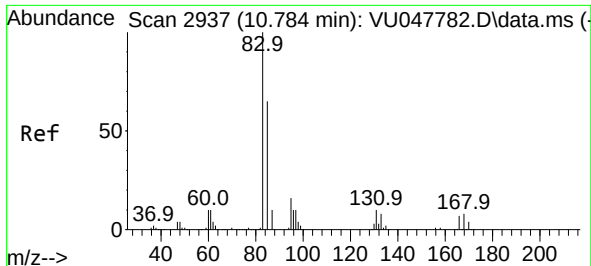
Tgt Ion:106 Resp: 251746
Ion Ratio Lower Upper
106 100
91 210.1 146.7 272.5



#55
Styrene
Concen: 51.701 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU047816.D
Acq: 05 Apr 2022 10:17

Tgt Ion:104 Resp: 443892
Ion Ratio Lower Upper
104 100
78 40.9 30.4 56.4

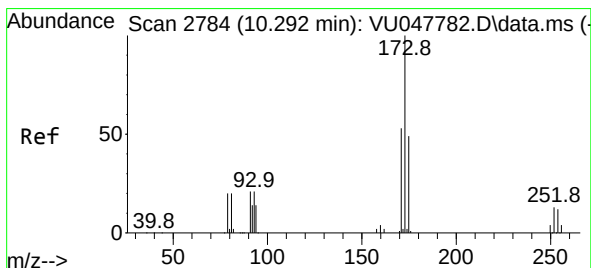
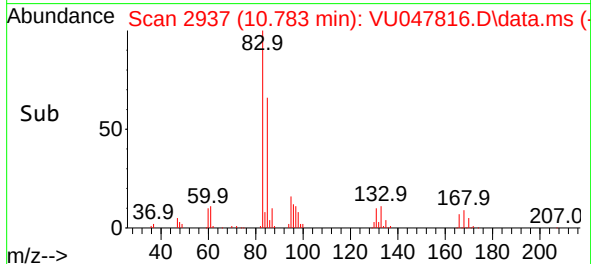
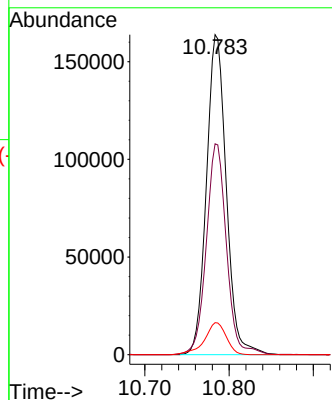
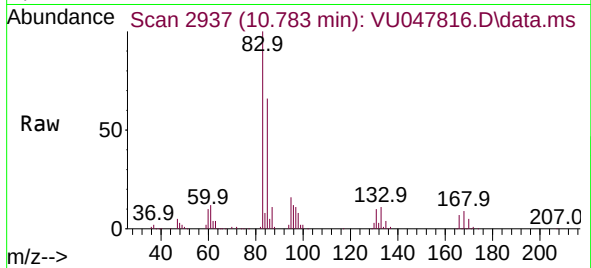




#57
 1,1,2,2-Tetrachloroethane
 Concen: 46.933 ug/L
 RT: 10.783 min Scan# 2937
 Delta R.T. -0.000 min
 Lab File: VU047816.D
 Acq: 05 Apr 2022 10:17

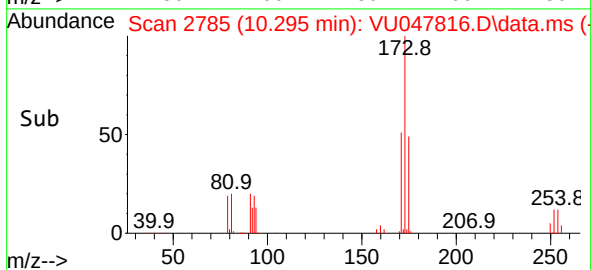
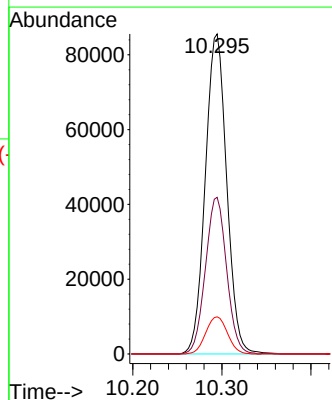
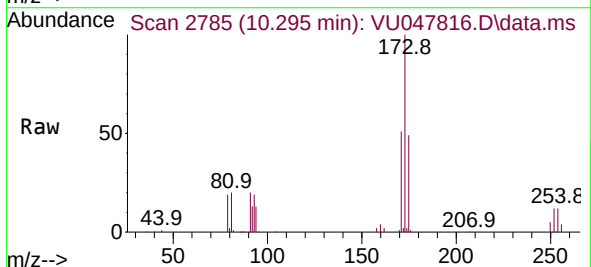
Instrument :
 MSVOA_U
 ClientSampleId :

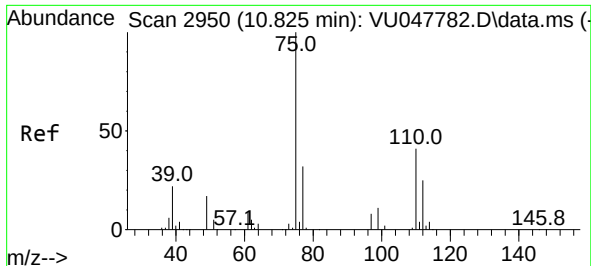
Tgt Ion: 83 Resp: 268498
 Ion Ratio Lower Upper
 83 100
 85 65.9 44.9 83.3
 131 10.0 8.6 13.0



#59
 Bromoform
 Concen: 46.027 ug/L
 RT: 10.295 min Scan# 2785
 Delta R.T. 0.003 min
 Lab File: VU047816.D
 Acq: 05 Apr 2022 10:17

Tgt Ion:173 Resp: 142562
 Ion Ratio Lower Upper
 173 100
 175 48.4 38.7 58.1
 254 11.8 9.6 14.4

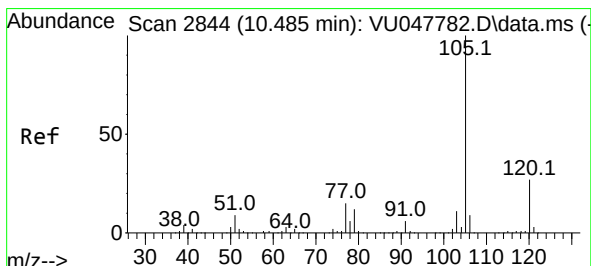
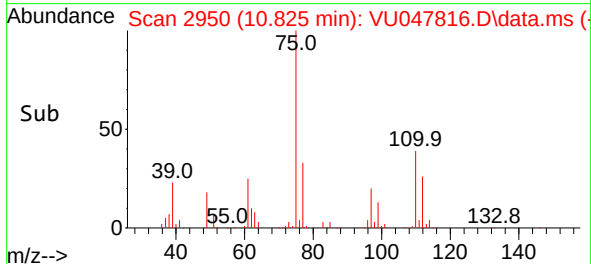
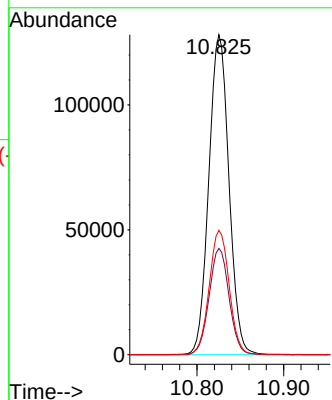
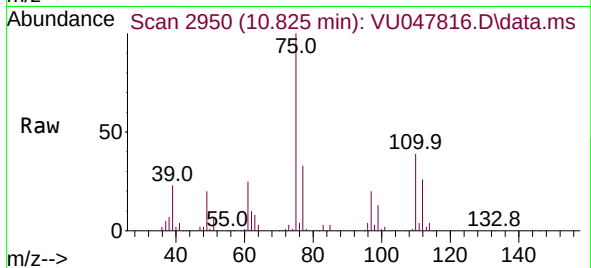




#60
1,2,3-Trichloropropane
Concen: 45.306 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU047816.D
Acq: 05 Apr 2022 10:17

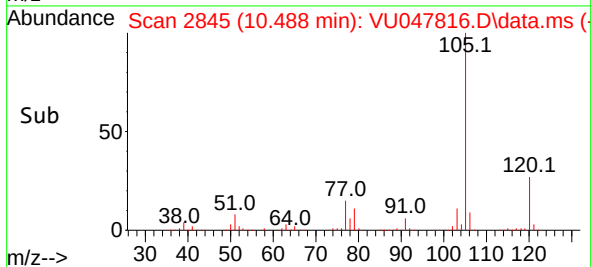
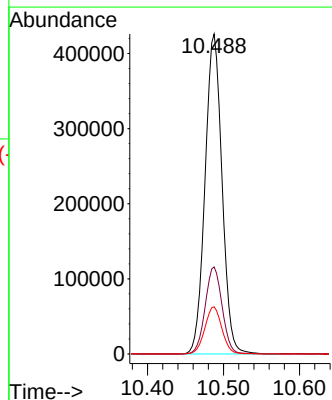
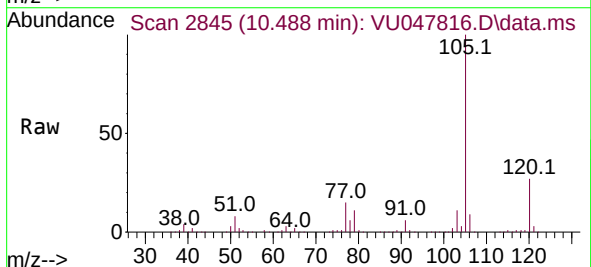
Instrument :
MSVOA_U
ClientSampleId :

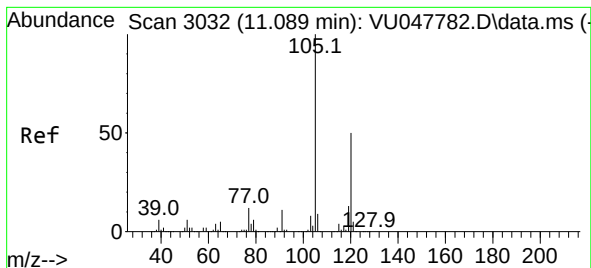
Tgt Ion: 75 Resp: 206882
Ion Ratio Lower Upper
75 100
77 32.8 26.0 39.0
110 38.6 31.4 47.2



#61
Isopropylbenzene
Concen: 50.496 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU047816.D
Acq: 05 Apr 2022 10:17

Tgt Ion: 105 Resp: 661046
Ion Ratio Lower Upper
105 100
120 27.2 21.9 32.9
77 14.8 12.1 18.1





#62

1,3,5-Trimethylbenzene

Concen: 48.609 ug/L

RT: 11.092 min Scan# 3033

Delta R.T. 0.003 min

Lab File: VU047816.D

Acq: 05 Apr 2022 10:17

Instrument :

MSVOA_U

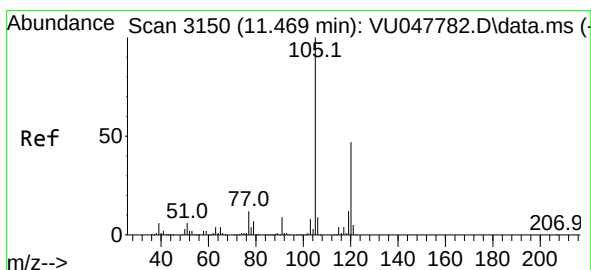
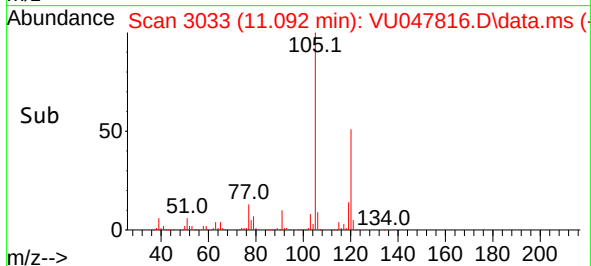
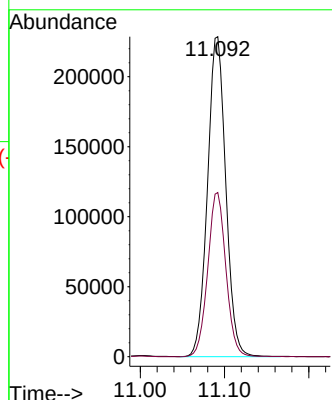
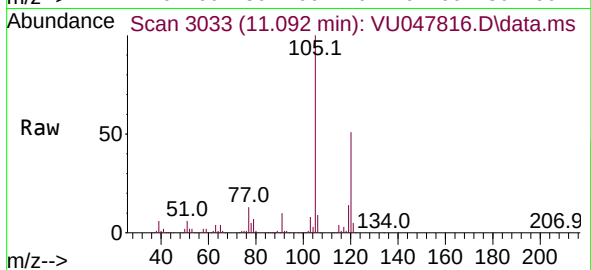
ClientSampleId :

Tgt Ion:105 Resp: 345263

Ion Ratio Lower Upper

105 100

120 50.9 40.8 61.2



#63

1,2,4-Trimethylbenzene

Concen: 50.120 ug/L

RT: 11.471 min Scan# 3151

Delta R.T. 0.003 min

Lab File: VU047816.D

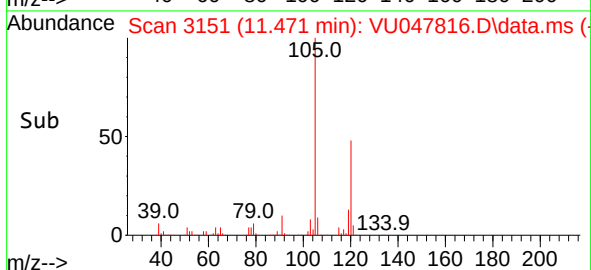
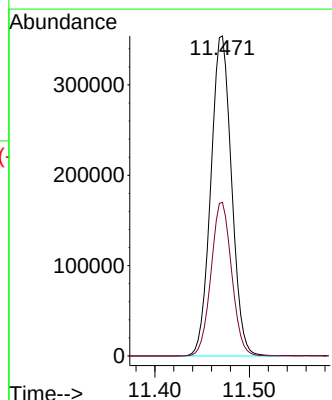
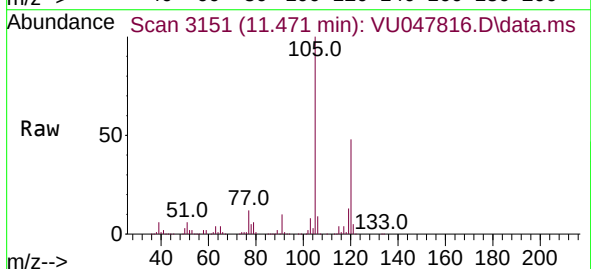
Acq: 05 Apr 2022 10:17

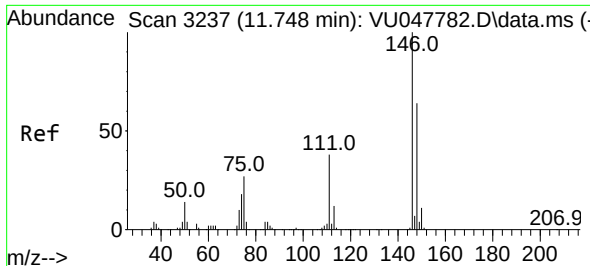
Tgt Ion:105 Resp: 540752

Ion Ratio Lower Upper

105 100

120 47.7 37.6 56.4

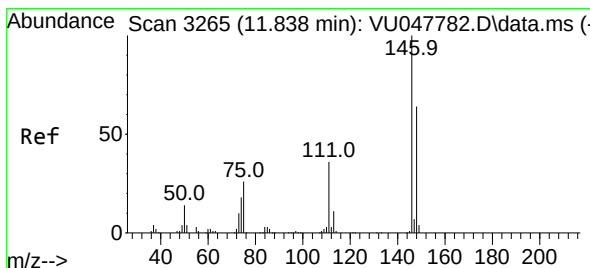
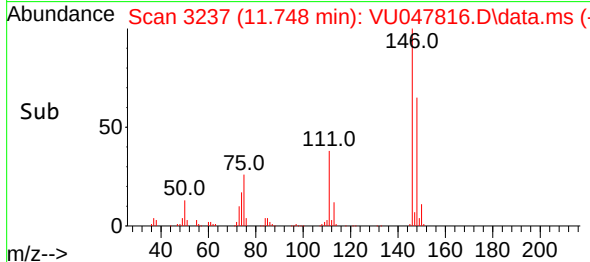
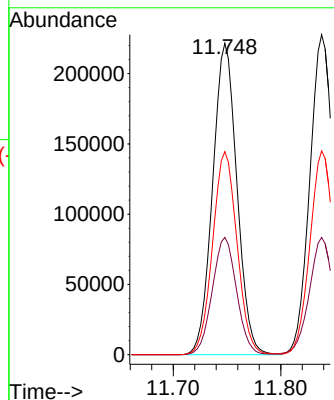
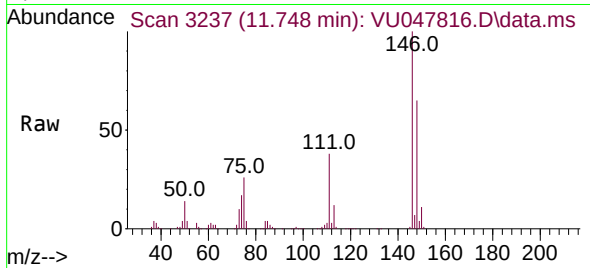




#64
1,3-Dichlorobenzene
Concen: 47.826 ug/L
RT: 11.748 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047816.D
Acq: 05 Apr 2022 10:17

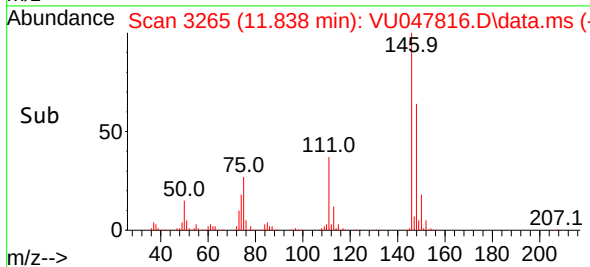
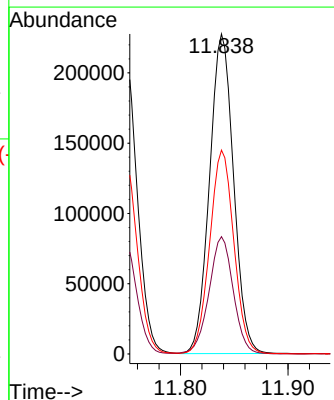
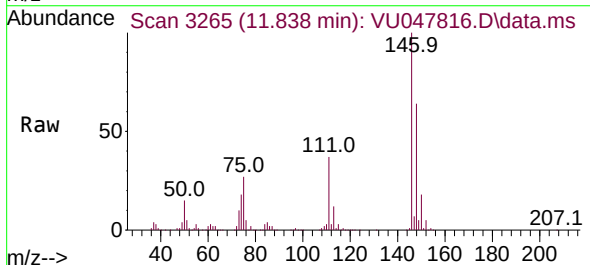
Instrument :
MSVOA_U
ClientSampleId :

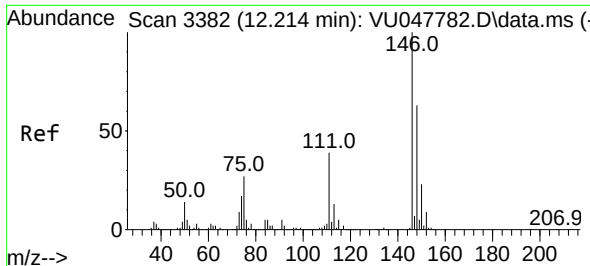
Tgt Ion:146 Resp: 347995
Ion Ratio Lower Upper
146 100
111 37.7 26.7 49.7
148 65.2 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 46.815 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU047816.D
Acq: 05 Apr 2022 10:17

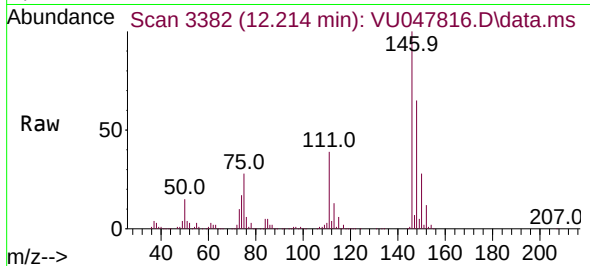
Tgt Ion:146 Resp: 352834
Ion Ratio Lower Upper
146 100
111 36.6 25.3 47.1
148 63.7 44.5 82.7



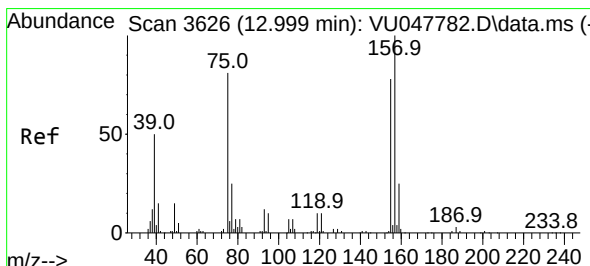
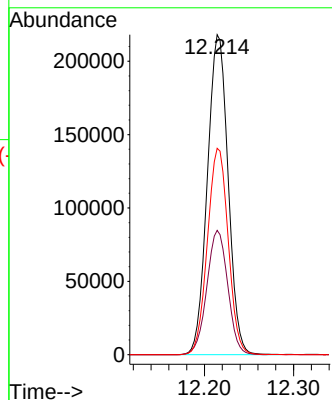
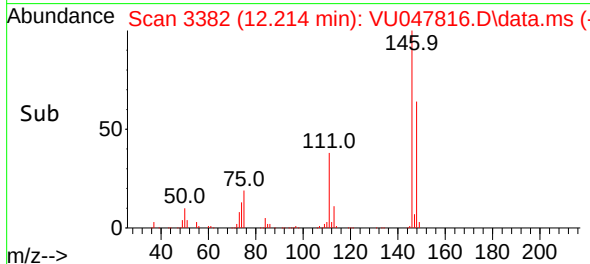


#67
 1,2-Dichlorobenzene
 Concen: 48.277 ug/L
 RT: 12.214 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VU047816.D
 Acq: 05 Apr 2022 10:17

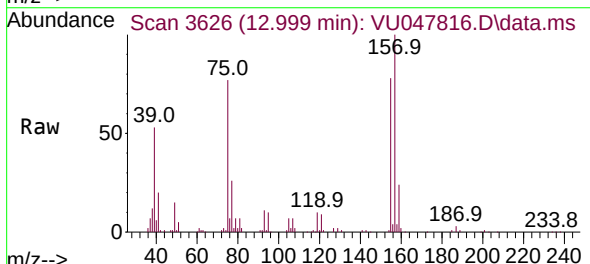
Instrument :
 MSVOA_U
 ClientSampleId :



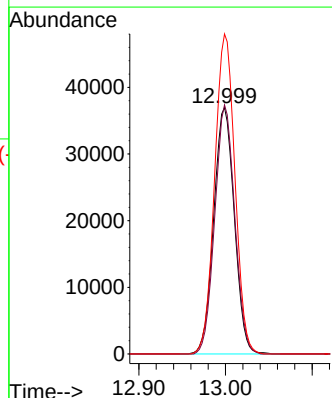
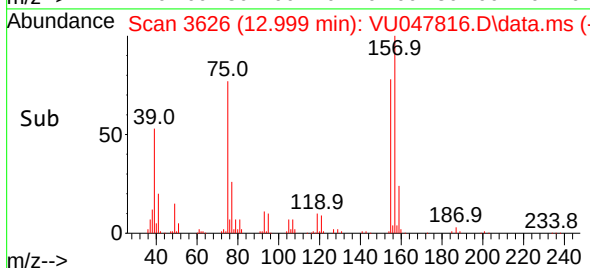
Tgt Ion:146 Resp: 351485
 Ion Ratio Lower Upper
 146 100
 111 38.9 31.7 47.5
 148 64.5 51.4 77.2

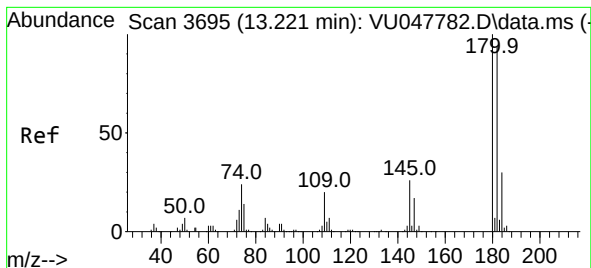


#68
 1,2-Dibromo-3-chloropropane
 Concen: 41.713 ug/L
 RT: 12.999 min Scan# 3626
 Delta R.T. -0.000 min
 Lab File: VU047816.D
 Acq: 05 Apr 2022 10:17



Tgt Ion: 75 Resp: 61014
 Ion Ratio Lower Upper
 75 100
 155 101.1 78.9 118.3
 157 129.8 97.5 146.3





#69

1,3,5-Trichlorobenzene

Concen: 48.433 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. -0.000 min

Lab File: VU047816.D

Acq: 05 Apr 2022 10:17

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 286212

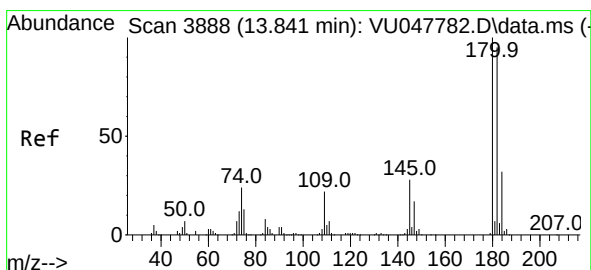
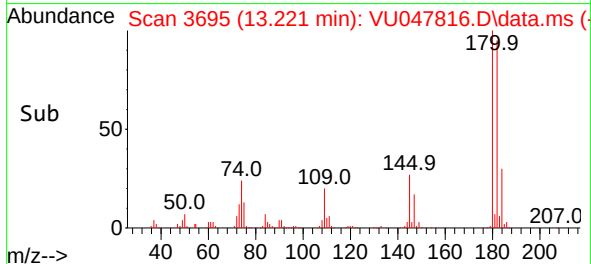
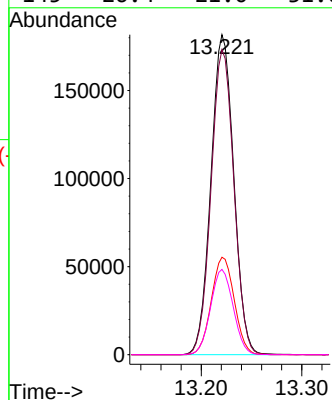
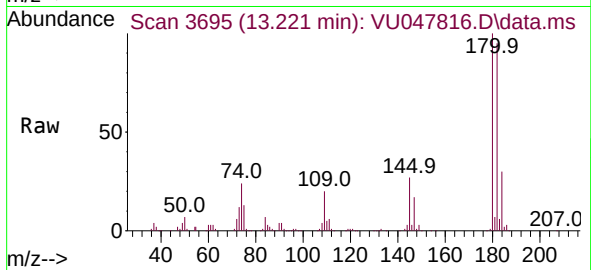
Ion Ratio Lower Upper

180 100

182 95.2 77.0 115.6

184 30.7 24.5 36.7

145 26.4 21.0 31.6



#70

1,2,4-trichlorobenzene

Concen: 48.960 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU047816.D

Acq: 05 Apr 2022 10:17

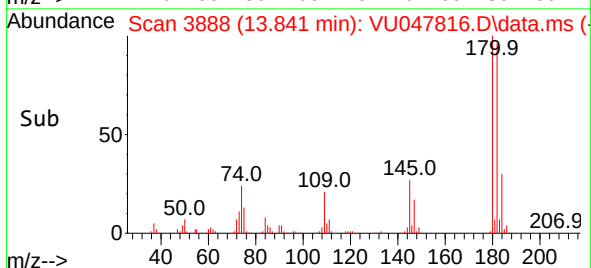
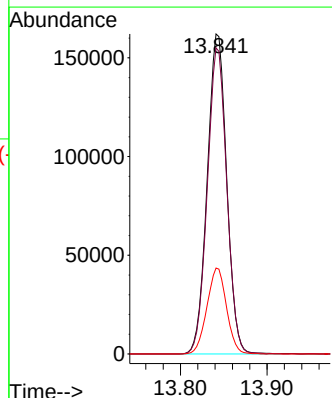
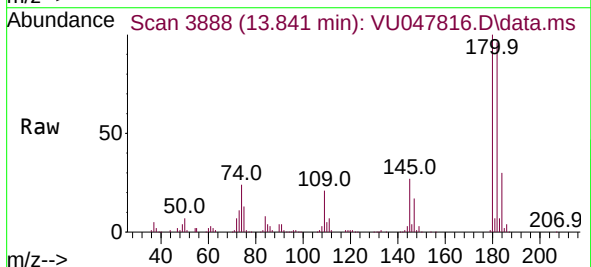
Tgt Ion:180 Resp: 253422

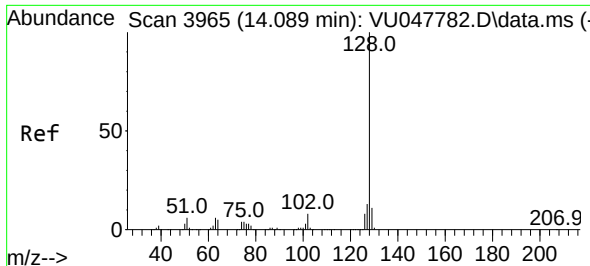
Ion Ratio Lower Upper

180 100

182 95.5 76.2 114.2

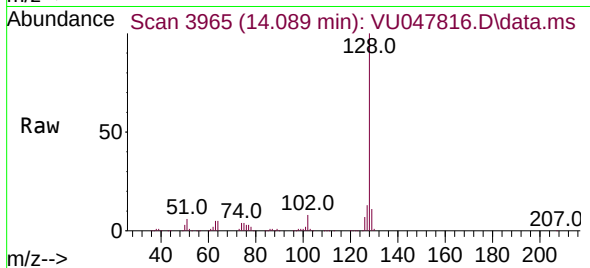
145 26.9 21.8 32.8



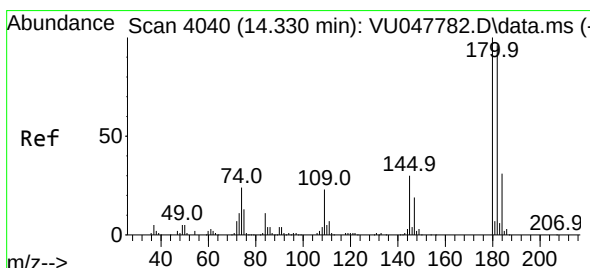
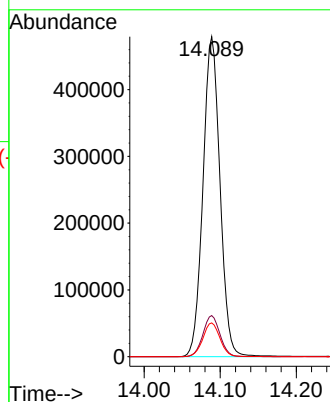
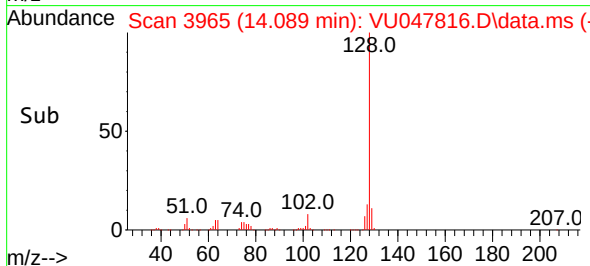


#71
Naphthalene
Concen: 48.283 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU047816.D
Acq: 05 Apr 2022 10:17

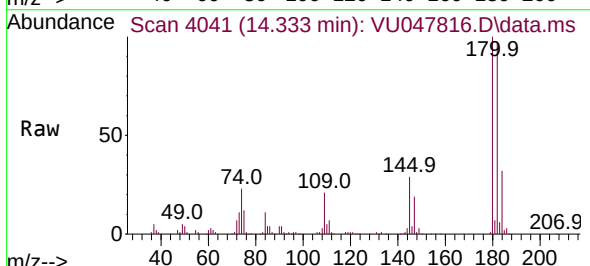
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 745099
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.7 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 49.910 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU047816.D
Acq: 05 Apr 2022 10:17



Tgt Ion:180 Resp: 258977
Ion Ratio Lower Upper
180 100
182 96.6 77.4 116.0
145 29.0 22.8 34.2

