

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020322\
 Data File : VU047016.D
 Acq On : 03 Feb 2022 11:52
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 04 05:45:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 03 02:56:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	104542	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	118166	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	65519	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	45894	5.181	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 103.600%		
7) Chloroethane-d5	1.919	69	37005	5.302	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 106.000%		
11) 1,1-Dichloroethene-d2	2.571	65	17862	5.069	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 101.400%		
20) 2-Butanone-d5	4.642	46	110451	42.087	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 84.180%		
24) Chloroform-d	5.070	84	80876	5.201	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 104.000%		
26) 1,2-Dichloroethane-d4	5.706	65	41665	4.920	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 98.400%		
32) Benzene-d6	5.732	84	151995	4.377	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 87.600%		
36) 1,2-Dichloropropane-d6	6.697	67	48275	4.630	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 92.600%		
41) Toluene-d8	7.902	98	137810	4.335	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 86.800%		
43) trans-1,3-Dichloroprop...	8.182	79	18854	4.117	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 82.400%		
46) 2-Hexanone-d5	8.636	63	92829	34.235	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 68.480%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	42826	4.091	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 81.800%		
66) 1,2-Dichlorobenzene-d4	12.195	152	48317	3.932	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 78.600%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	41095	4.179	ug/L	99
3) Chloromethane	1.527	50	43230	5.338	ug/L	98
5) Vinyl chloride	1.607	62	44792	5.313	ug/L	100
6) Bromomethane	1.861	94	26791	5.079	ug/L	96
8) Chloroethane	1.938	64	27813	5.731	ug/L	96
9) Trichlorofluoromethane	2.144	101	58299	5.675	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	33957	5.559	ug/L	100
12) 1,1-Dichloroethene	2.584	96	30223	5.178	ug/L	91
13) Acetone	2.652	43	64460	45.161	ug/L	100
14) Carbon disulfide	2.800	76	93215	4.862	ug/L	100
15) Methyl Acetate	2.964	43	12889	4.134	ug/L	95
16) Methylene chloride	3.051	84	34361	4.874	ug/L	97
17) Methyl tert-butyl Ether	3.369	73	63648	3.886	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	30248	4.784	ug/L	93
19) 1,1-Dichloroethane	3.874	63	59344	5.591	ug/L	98
21) 2-Butanone	4.719	43	87581	38.153	ug/L	98
22) cis-1,2-Dichloroethene	4.674	96	31990	4.796	ug/L	96
23) Bromochloromethane	4.980	128	15617	4.759	ug/L	92
25) Chloroform	5.092	83	62079	3.685	ug/L	99

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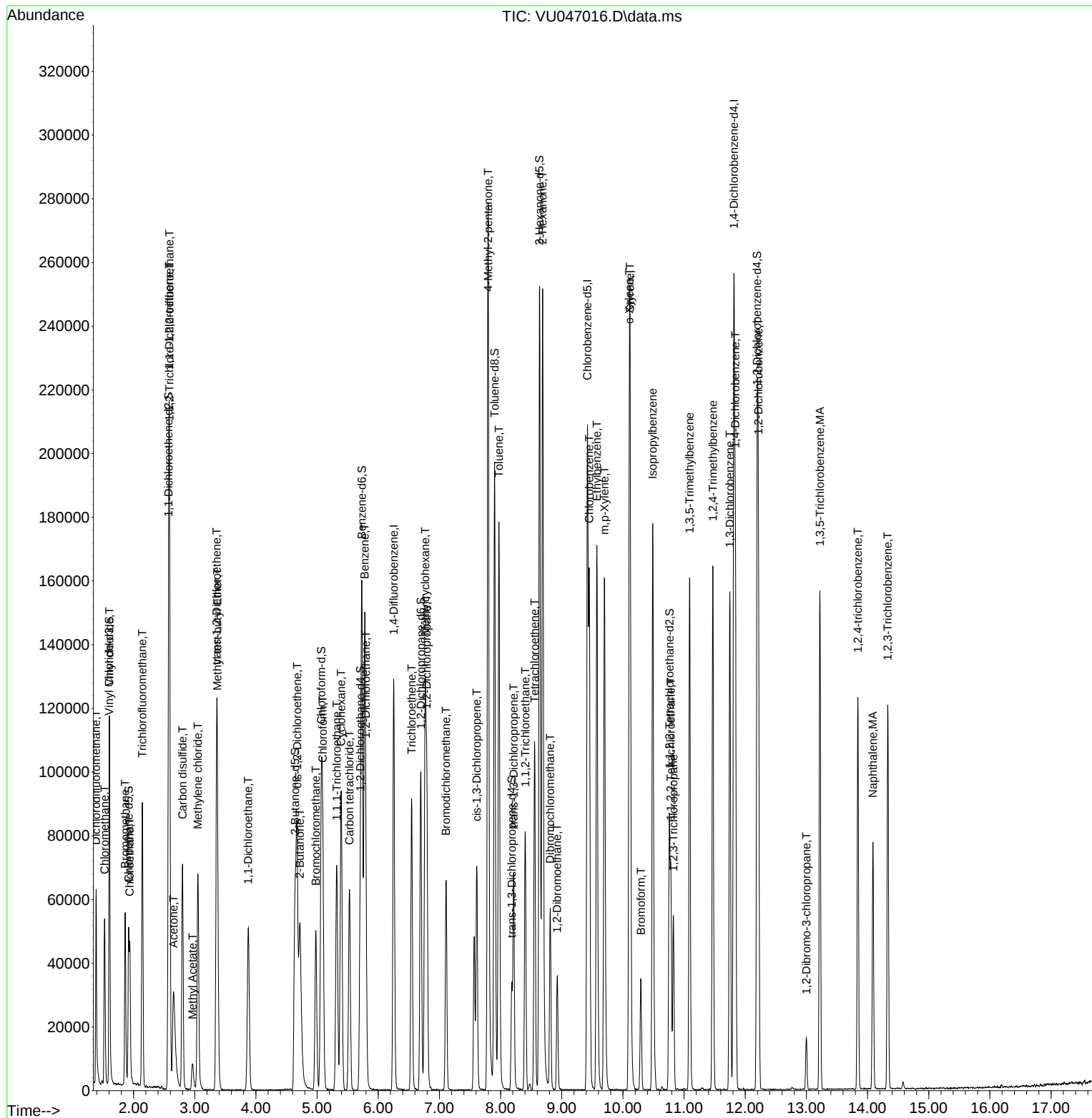
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	38651	5.198	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	51631	4.851	ug/L	99
30) Cyclohexane	5.395	56	42076	3.898	ug/L	99
31) Carbon tetrachloride	5.530	117	44440	4.866	ug/L	98
33) Benzene	5.777	78	131548	4.728	ug/L	100
34) Trichloroethene	6.546	95	31741	4.394	ug/L	98
35) Methylcyclohexane	6.767	83	44473	3.676	ug/L	99
37) 1,2-Dichloropropane	6.793	63	34713	5.086	ug/L	99
38) Bromodichloromethane	7.108	83	43852	4.465	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	43710	4.105	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	186473	37.269	ug/L	100
42) Toluene	7.973	91	137280	4.128	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	39401	4.153	ug/L	97
45) 1,1,2-Trichloroethane	8.404	97	25768	4.438	ug/L	97
47) Tetrachloroethene	8.558	164	24613	4.190	ug/L	95
48) 2-Hexanone	8.687	43	156754	41.506	ug/L	99
49) Dibromochloromethane	8.812	129	28349	4.139	ug/L	97
50) 1,2-Dibromoethane	8.925	107	23805	4.045	ug/L	99
51) Chlorobenzene	9.449	112	86568	4.483	ug/L	97
52) Ethylbenzene	9.574	91	129157	4.085	ug/L	99
53) m,p-Xylene	9.700	106	51888	4.117	ug/L	97
54) o-Xylene	10.105	106	47754	3.909	ug/L	96
55) Styrene	10.118	104	83468	4.177	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	32279	4.134	ug/L	92
59) Bromoform	10.295	173	15748	3.903	ug/L	100
60) Isopropylbenzene	10.488	105	121979	3.997	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	24040	4.330	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	88807	3.545	ug/L	98
63) 1,2,4-Trimethylbenzene	11.471	105	90302	3.503	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	65230	4.276	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	66214	4.313	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	61906	4.195	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	4268	3.704	ug/L	90
69) 1,3,5-Trichlorobenzene	13.221	180	47401	3.941	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	36070	3.587	ug/L	99
71) Naphthalene	14.089	128	61787	3.018	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	36142	3.805	ug/L	98

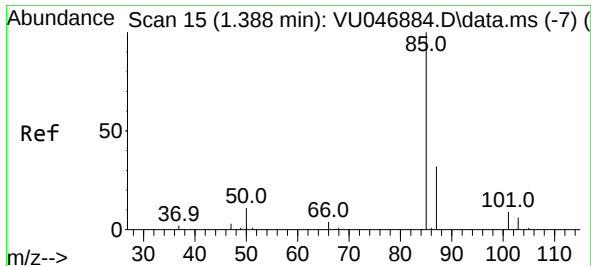
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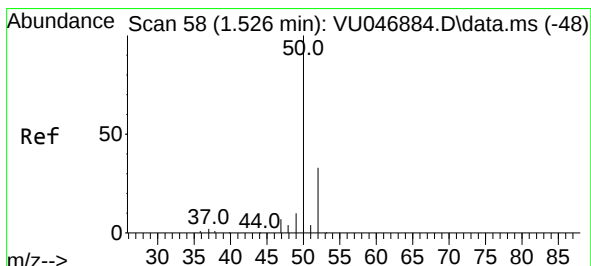
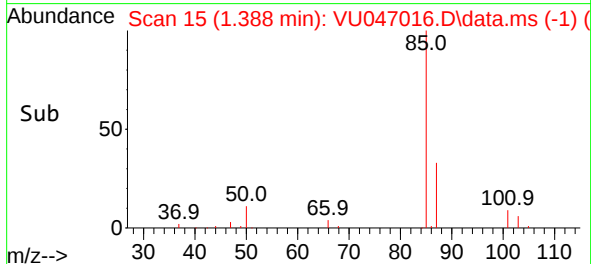
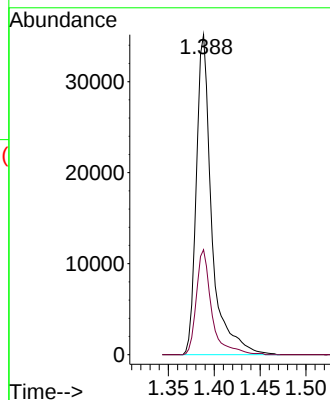
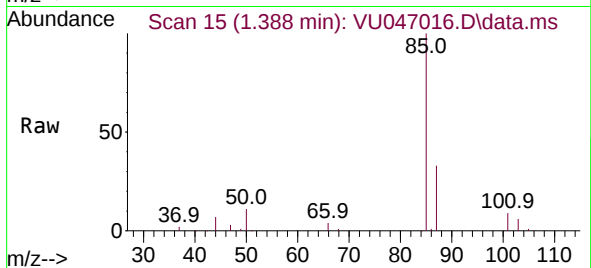




#2
Dichlorodifluoromethane
Concen: 4.179 ug/L
RT: 1.388 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047016.D
Acq: 03 Feb 2022 11:52

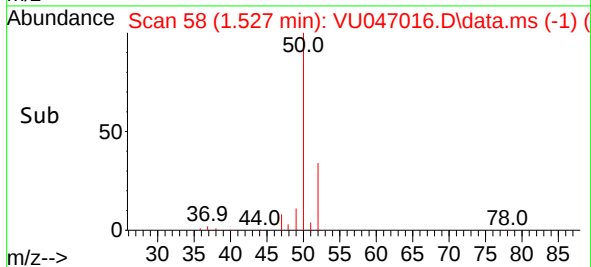
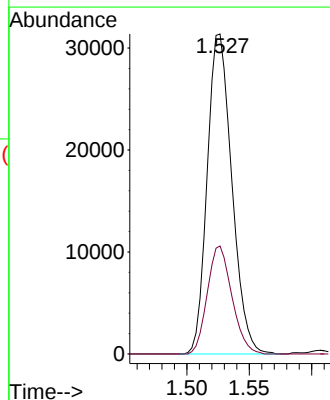
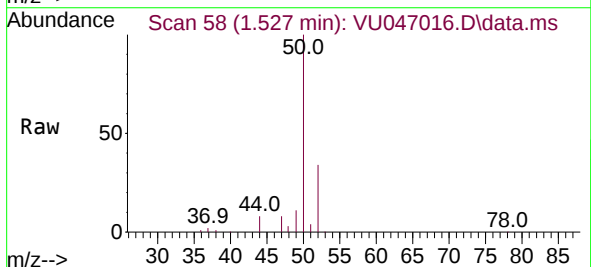
Instrument :
MSVOA_U
ClientSampleId :

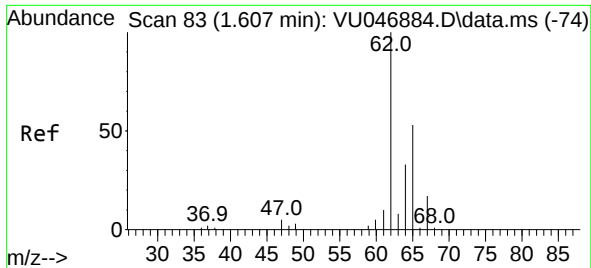
Tgt Ion: 85 Resp: 41095
Ion Ratio Lower Upper
85 100
87 32.8 25.8 38.6



#3
Chloromethane
Concen: 5.338 ug/L
RT: 1.527 min Scan# 58
Delta R.T. -0.000 min
Lab File: VU047016.D
Acq: 03 Feb 2022 11:52

Tgt Ion: 50 Resp: 43230
Ion Ratio Lower Upper
50 100
52 33.8 23.0 42.8

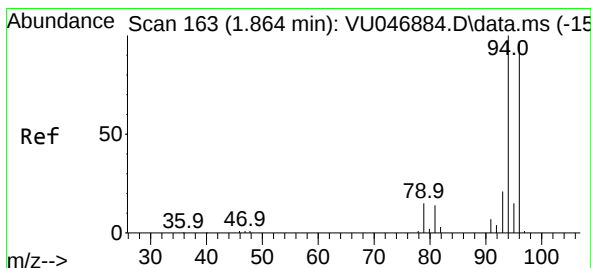
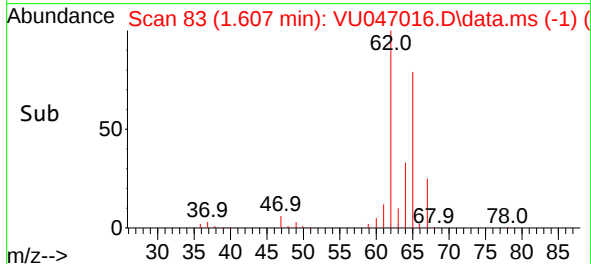
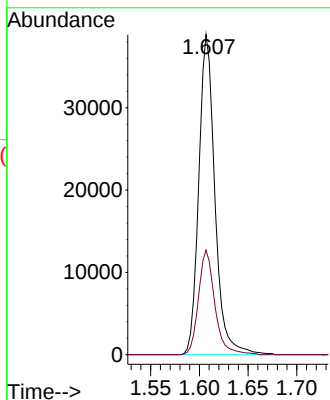
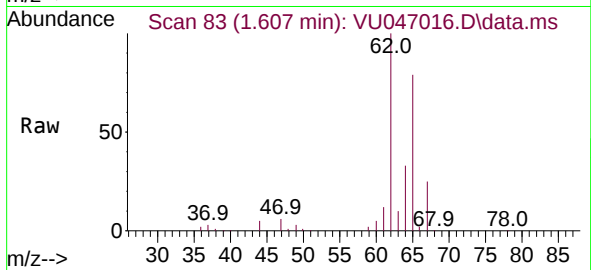




#5
 Vinyl chloride
 Concen: 5.313 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU047016.D
 Acq: 03 Feb 2022 11:52

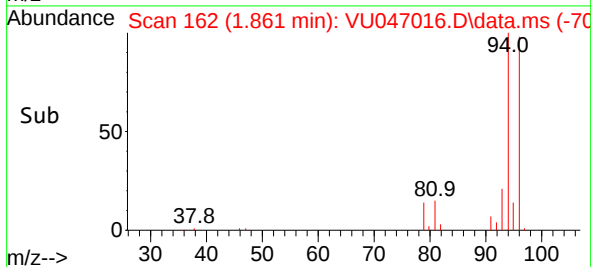
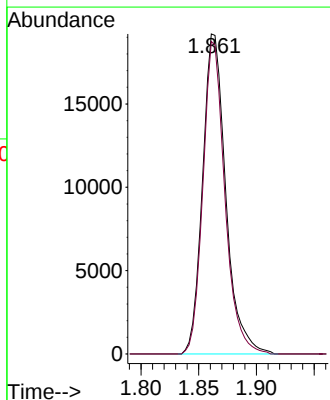
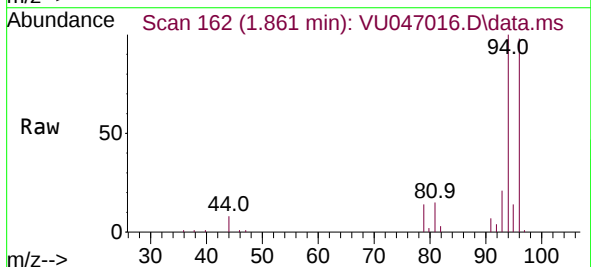
Instrument :
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 ClientSampleId :

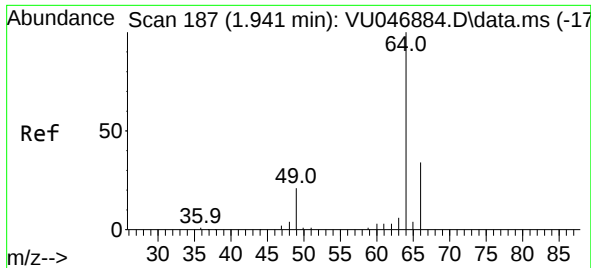
Tgt Ion: 62 Resp: 44792
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.9 42.5



#6
 Bromomethane
 Concen: 5.079 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.003 min
 Lab File: VU047016.D
 Acq: 03 Feb 2022 11:52

Tgt Ion: 94 Resp: 26791
 Ion Ratio Lower Upper
 94 100
 96 97.7 65.5 121.6

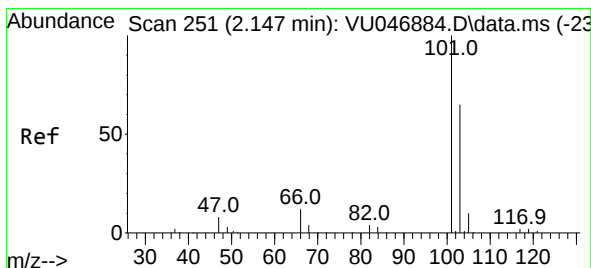
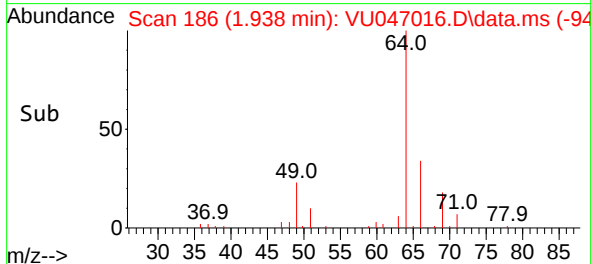
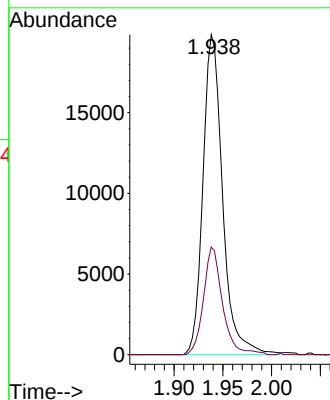
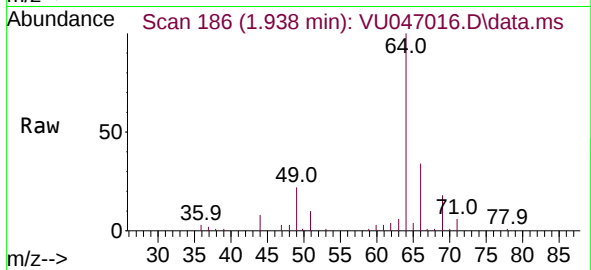




#8
Chloroethane
Concen: 5.731 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU047016.D
Acq: 03 Feb 2022 11:52

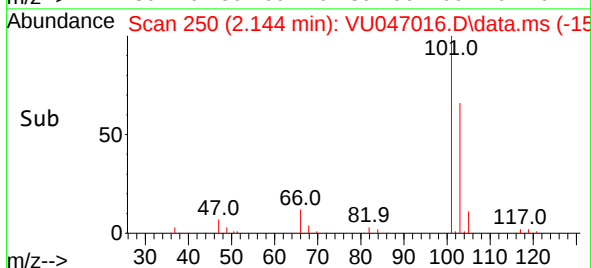
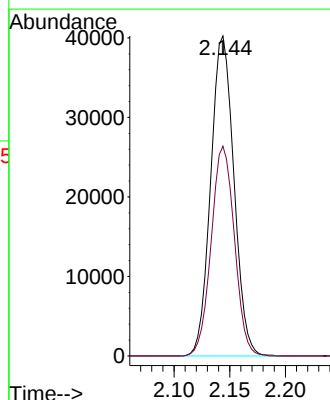
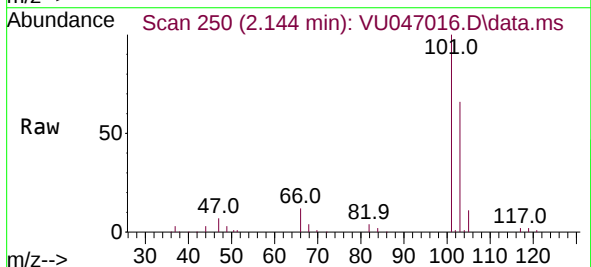
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MSVOA_U
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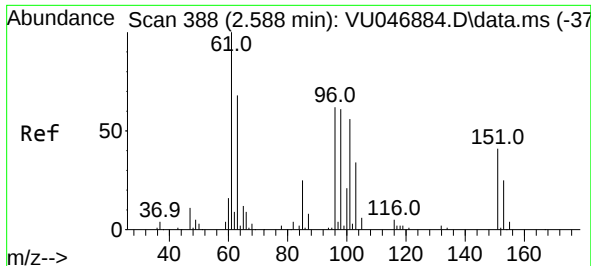
Tgt Ion: 64 Resp: 27813
Ion Ratio Lower Upper
64 100
66 33.6 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.675 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.003 min
Lab File: VU047016.D
Acq: 03 Feb 2022 11:52

Tgt Ion:101 Resp: 58299
Ion Ratio Lower Upper
101 100
103 65.6 51.5 77.3





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.559 ug/L

RT: 2.588 min Scan# 388

Delta R.T. -0.003 min

Lab File: VU047016.D

Acq: 03 Feb 2022 11:52

Instrument :

MSVOA_U

ClientSampleId :

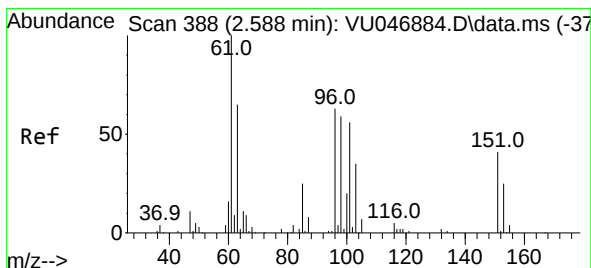
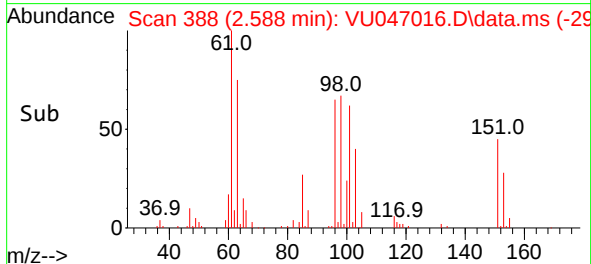
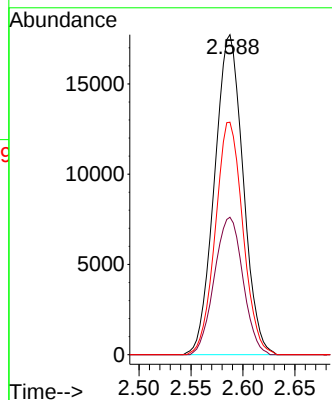
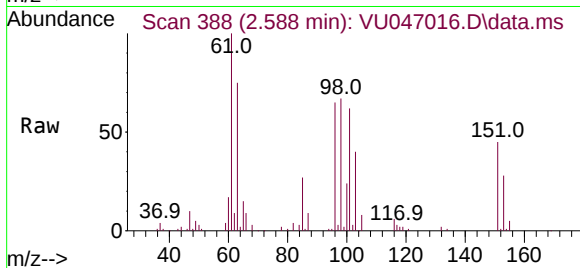
Tgt Ion:101 Resp: 33957

Ion Ratio Lower Upper

101 100

85 42.9 34.6 51.8

151 70.0 56.1 84.1



#12

1,1-Dichloroethene

Concen: 5.178 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.003 min

Lab File: VU047016.D

Acq: 03 Feb 2022 11:52

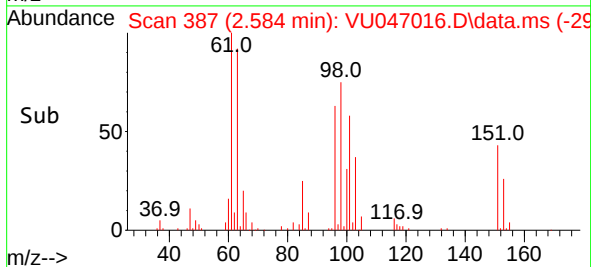
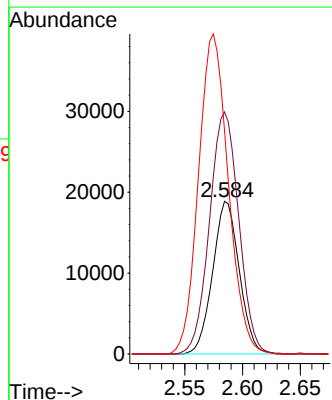
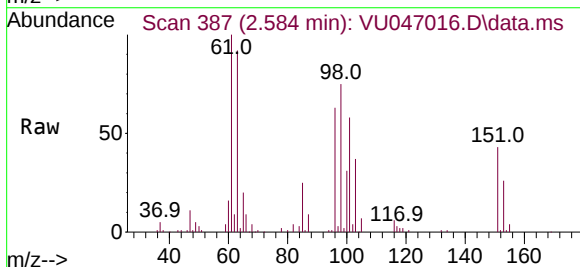
Tgt Ion: 96 Resp: 30223

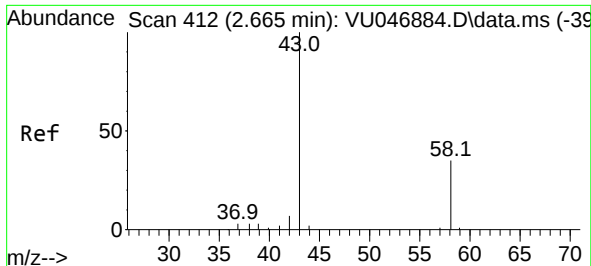
Ion Ratio Lower Upper

96 100

61 158.6 124.7 231.5

63 146.5 105.2 195.4





#13

Acetone

Concen: 45.161 ug/L

RT: 2.652 min Scan# 408

Delta R.T. -0.019 min

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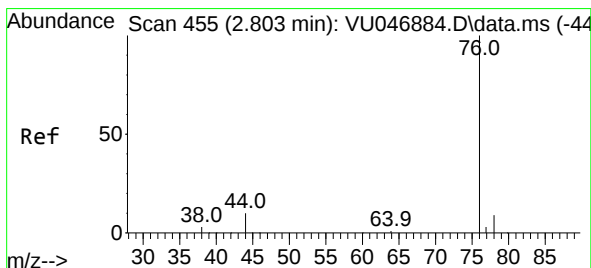
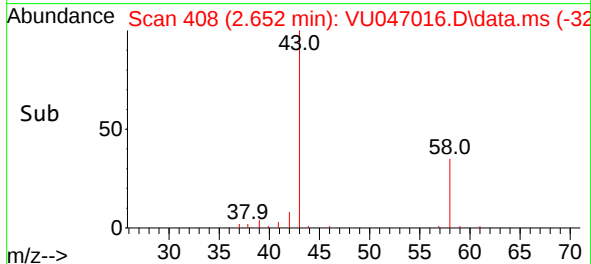
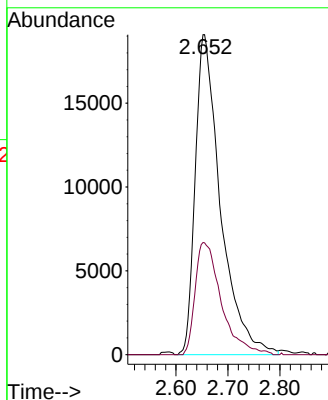
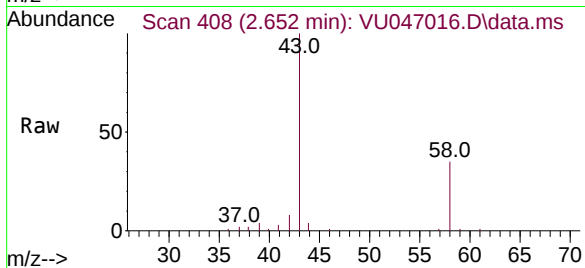
ClientSampleId :

Tgt Ion: 43 Resp: 64460

Ion Ratio Lower Upper

43 100

58 35.9 0.0 71.6



#14

Carbon disulfide

Concen: 4.862 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.003 min

Lab File: VU047016.D

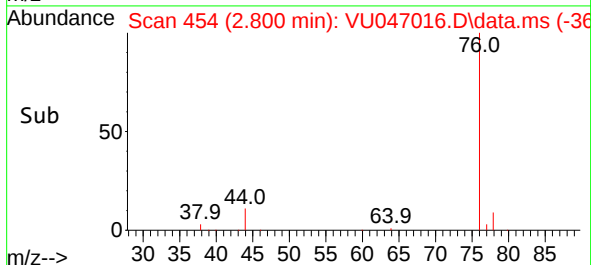
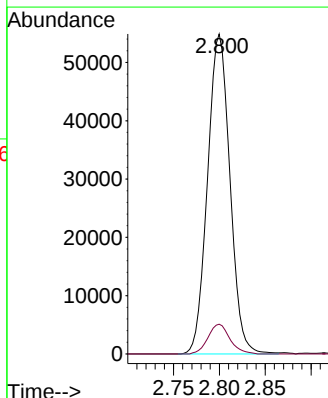
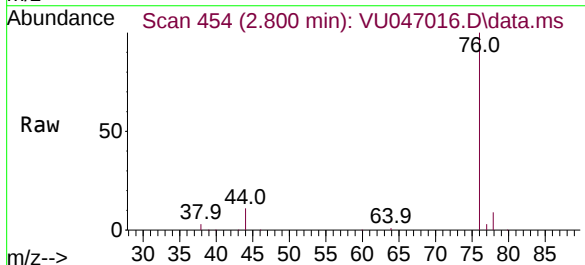
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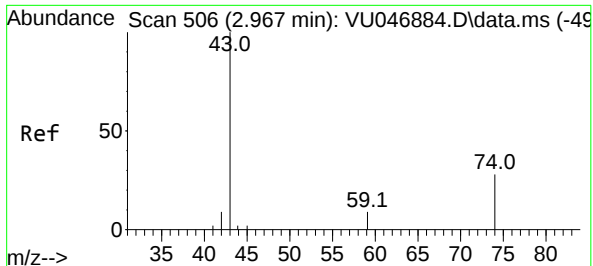
Tgt Ion: 76 Resp: 93215

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3

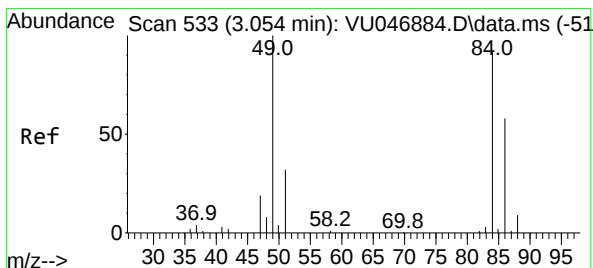
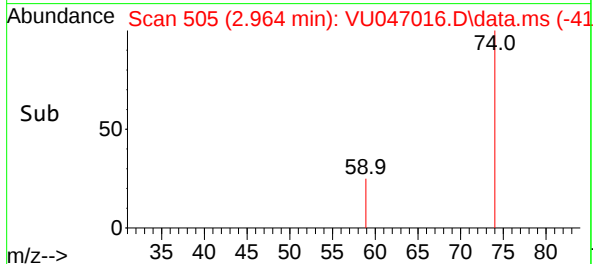
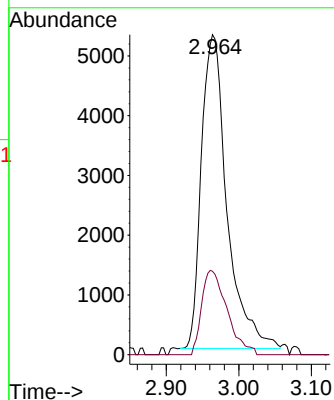
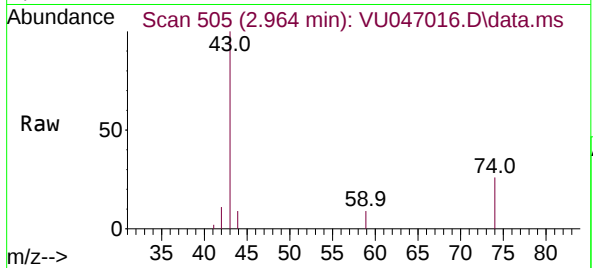




#15
Methyl Acetate
Concen: 4.134 ug/L
RT: 2.964 min Scan# 506
Delta R.T. -0.000 min
Lab File: VU047016.D
Acq: 03 Feb 2022 11:52

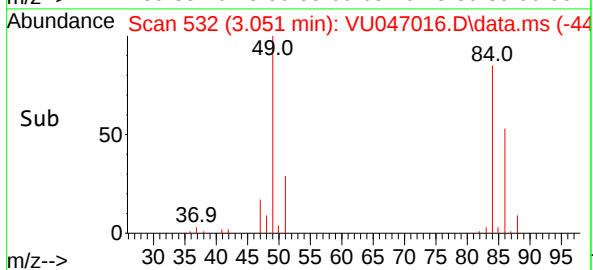
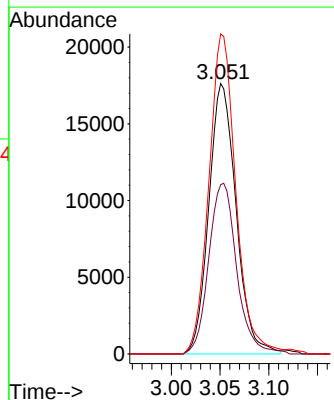
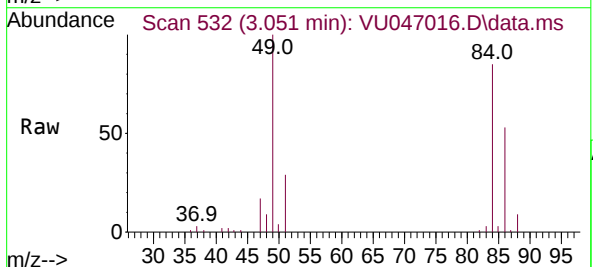
Instrument :
MSVOA_U
ClientSampleId :

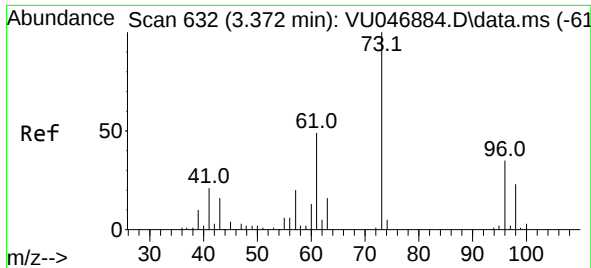
Tgt Ion: 43 Resp: 12889
Ion Ratio Lower Upper
43 100
74 26.6 19.1 28.7



#16
Methylene chloride
Concen: 4.874 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU047016.D
Acq: 03 Feb 2022 11:52

Tgt Ion: 84 Resp: 34361
Ion Ratio Lower Upper
84 100
86 62.6 45.8 85.0
49 118.3 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 3.886 ug/L

RT: 3.369 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU047016.D

Acq: 03 Feb 2022 11:52

Instrument :

MSVOA_U

ClientSampleId :

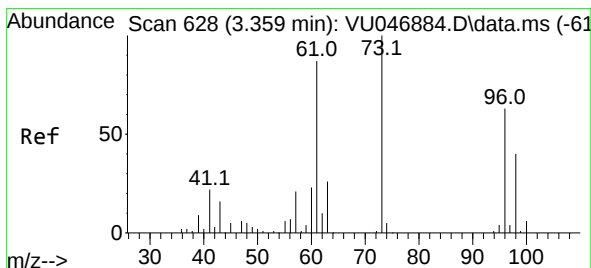
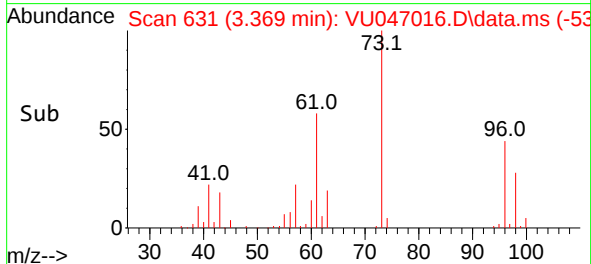
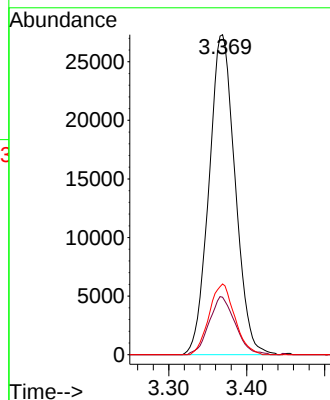
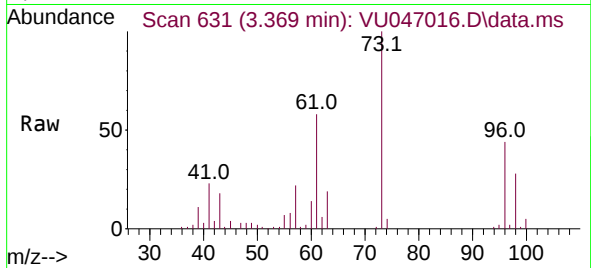
Tgt Ion: 73 Resp: 63648

Ion Ratio Lower Upper

73 100

43 18.0 14.8 22.2

57 21.6 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 4.784 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.000 min

Lab File: VU047016.D

Acq: 03 Feb 2022 11:52

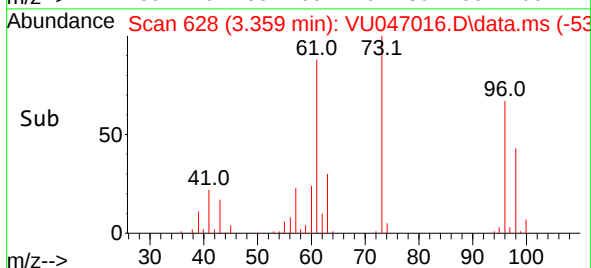
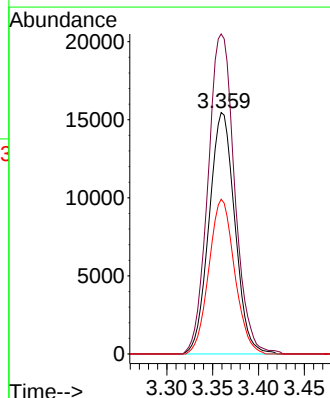
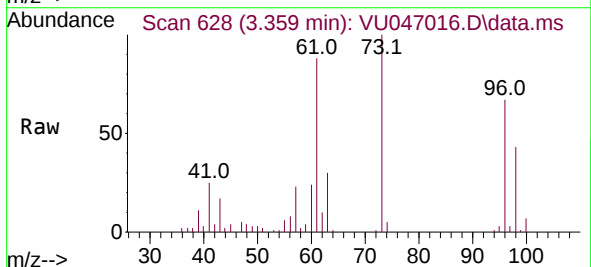
Tgt Ion: 96 Resp: 30248

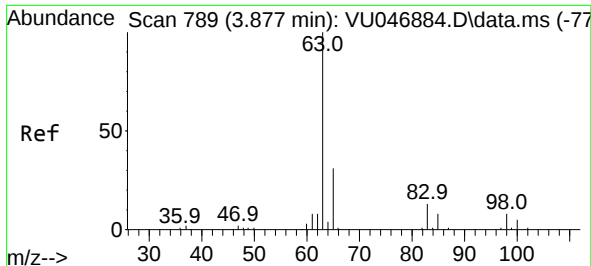
Ion Ratio Lower Upper

96 100

61 132.5 100.8 187.2

98 64.0 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.591 ug/L

RT: 3.874 min Scan# 789

Delta R.T. -0.003 min

Lab File: VU047016.D

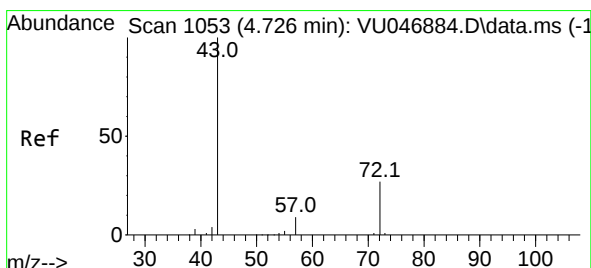
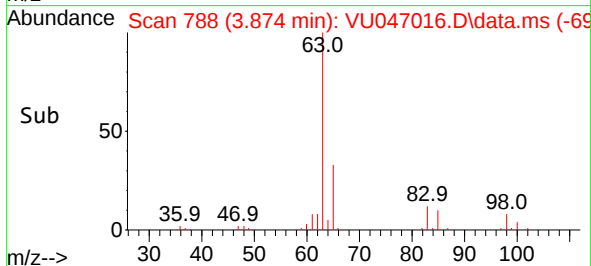
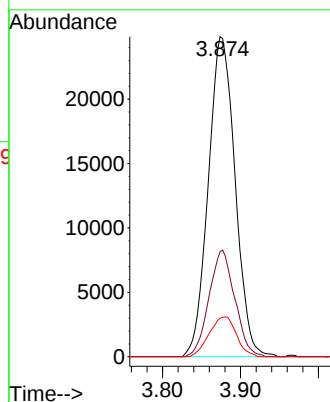
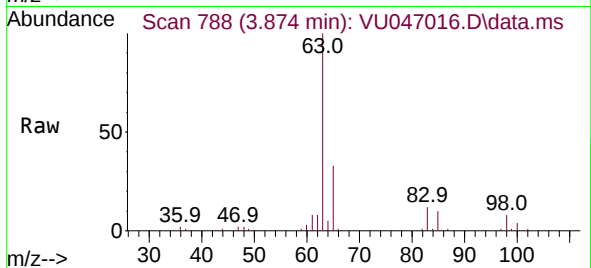
Acq: 03 Feb 2022 11:52

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	59344
Ion	Ratio	Lower	Upper
63	100		
65	32.8	22.3	41.5
83	12.1	9.6	17.8



#21

2-Butanone

Concen: 38.153 ug/L

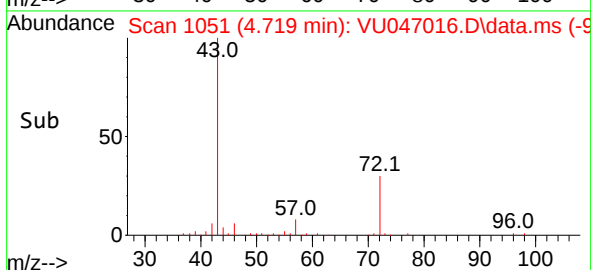
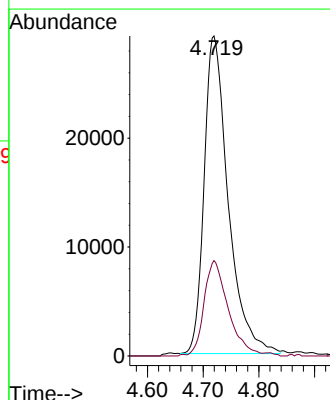
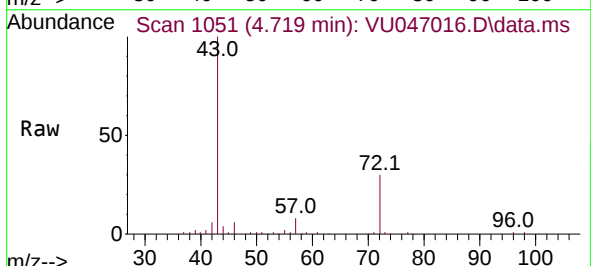
RT: 4.719 min Scan# 1051

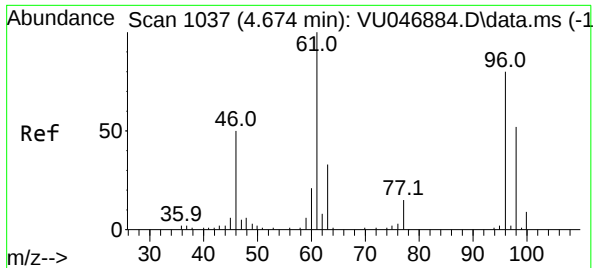
Delta R.T. -0.007 min

Lab File: VU047016.D

Acq: 03 Feb 2022 11:52

Tgt Ion:	43	Resp:	87581
Ion	Ratio	Lower	Upper
43	100		
72	29.5	14.1	42.3

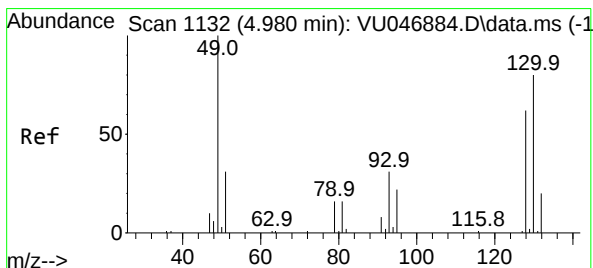
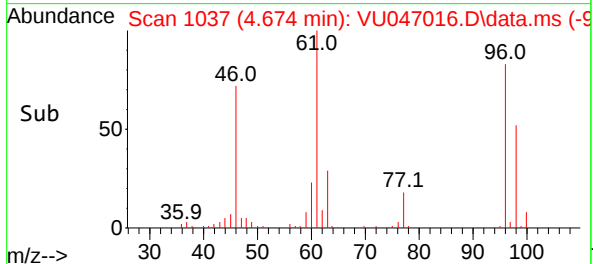
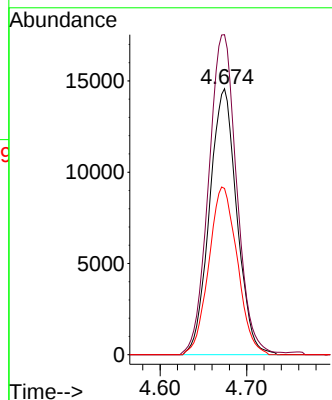
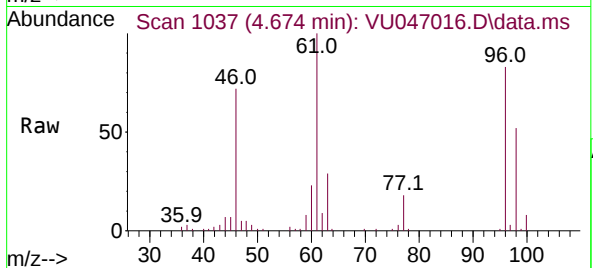




#22
 cis-1,2-Dichloroethene
 Concen: 4.796 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VU047016.D
 Acq: 03 Feb 2022 11:52

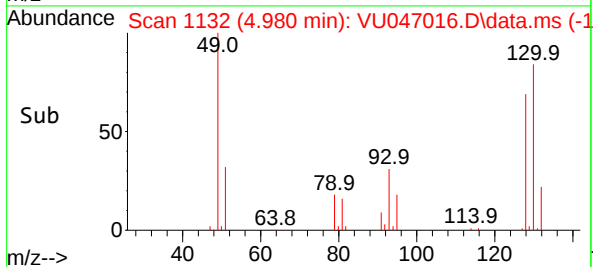
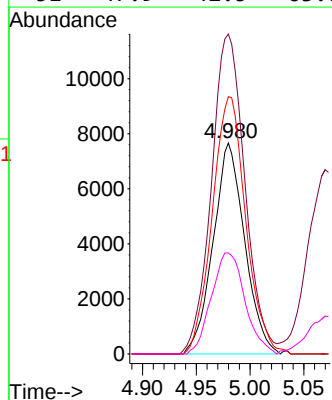
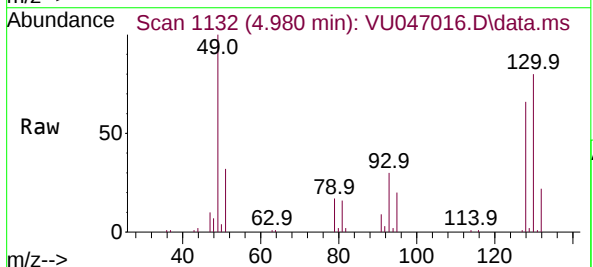
Instrument :
 MSVOA_U
 ClientSampleId :

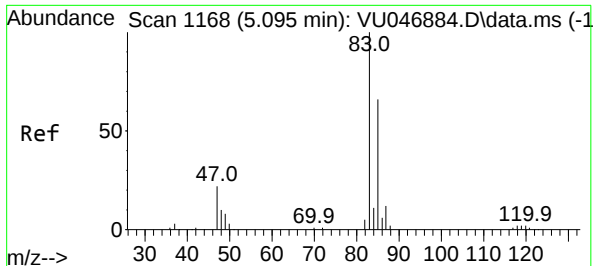
Tgt Ion: 96	Resp: 31990
Ion Ratio	Lower Upper
96 100	
61 120.3	88.5 164.3
98 62.5	44.4 82.5



#23
 Bromochloromethane
 Concen: 4.759 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. -0.000 min
 Lab File: VU047016.D
 Acq: 03 Feb 2022 11:52

Tgt	Ion:128	Resp:	15617
Ion	Ratio	Lower	Upper
128	100		
49	151.7	117.0	217.2
130	121.9	88.2	163.8
51	47.9	42.5	63.7





#25

Chloroform

Concen: 3.685 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.003 min

Lab File: VU047016.D

Acq: 03 Feb 2022 11:52

Instrument :

MSVOA_U

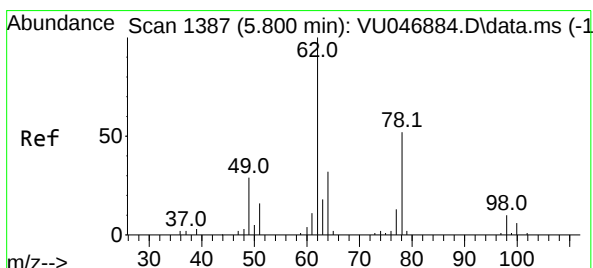
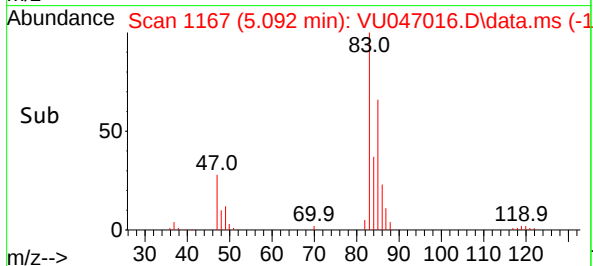
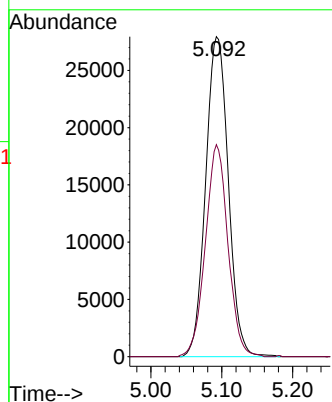
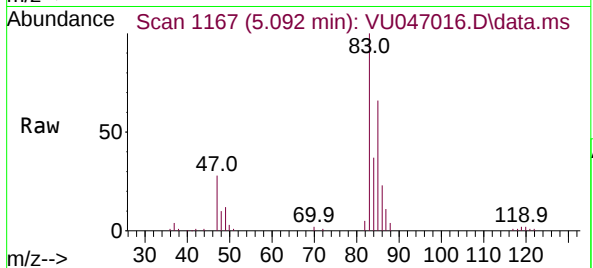
ClientSampleId :

Tgt Ion: 83 Resp: 62079

Ion Ratio Lower Upper

83 100

85 66.2 46.9 87.1



#27

1,2-Dichloroethane

Concen: 5.198 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU047016.D

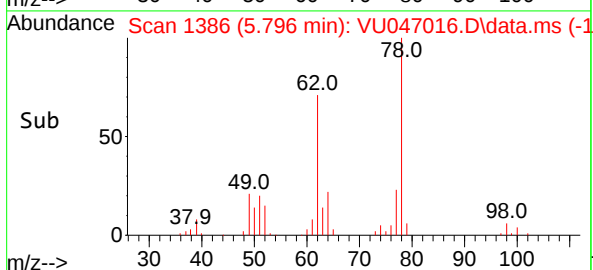
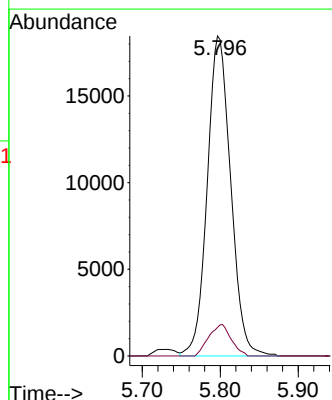
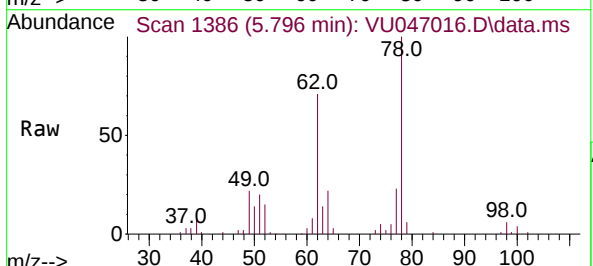
Acq: 03 Feb 2022 11:52

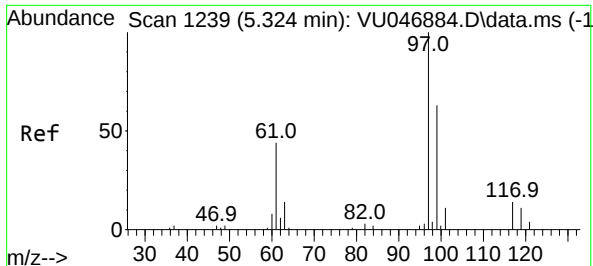
Tgt Ion: 62 Resp: 38651

Ion Ratio Lower Upper

62 100

98 8.9 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.851 ug/L

RT: 5.321 min Scan# 1239

Delta R.T. -0.000 min

Lab File: VU047016.D

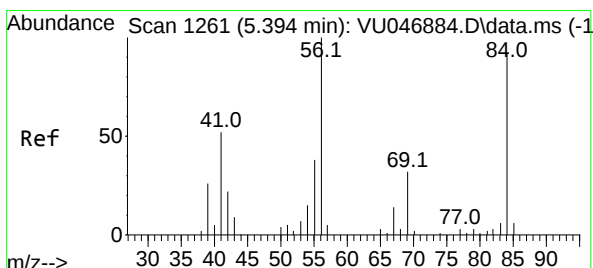
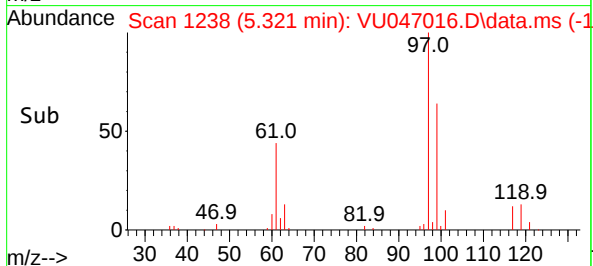
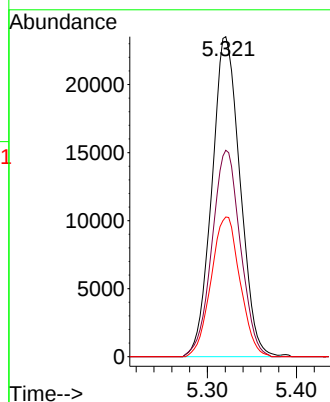
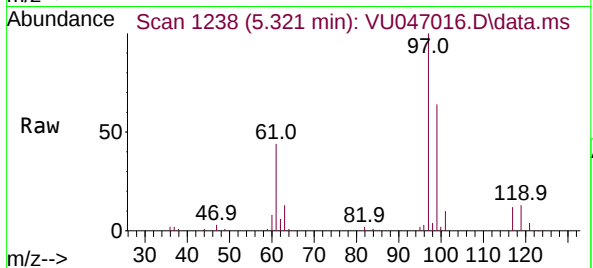
Acq: 03 Feb 2022 11:52

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97	Resp: 51631
Ion Ratio	Lower Upper
97 100	
99 65.2	51.3 76.9
61 44.8	36.1 54.1



#30

Cyclohexane

Concen: 3.898 ug/L

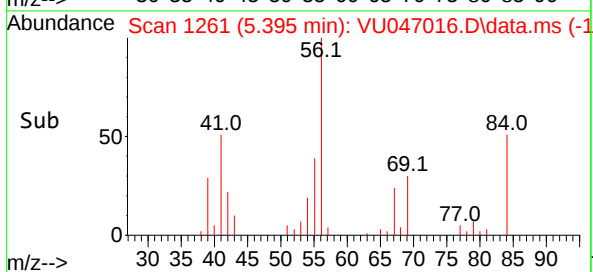
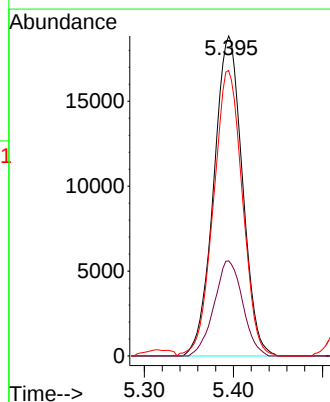
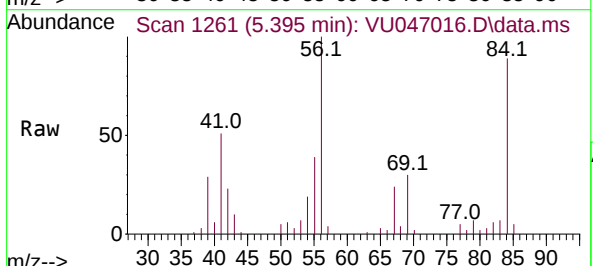
RT: 5.395 min Scan# 1261

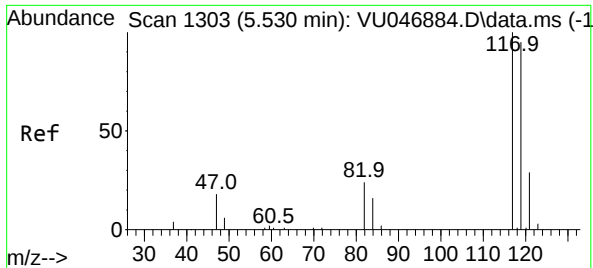
Delta R.T. -0.000 min

Lab File: VU047016.D

Acq: 03 Feb 2022 11:52

Tgt Ion: 56	Resp: 42076
Ion Ratio	Lower Upper
56 100	
69 29.7	24.7 37.1
84 89.9	71.8 107.6

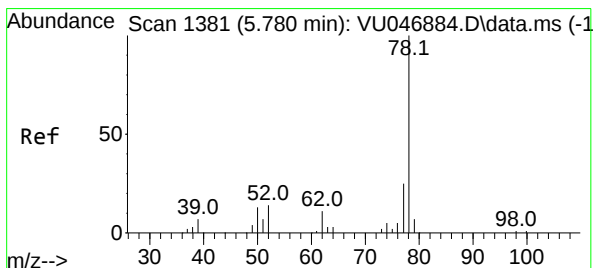
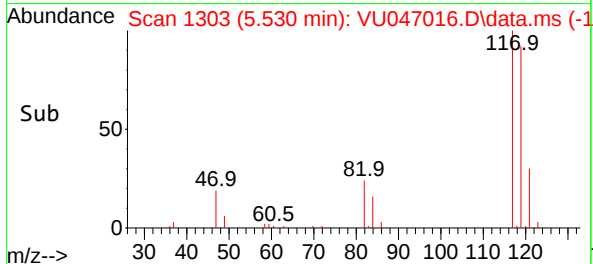
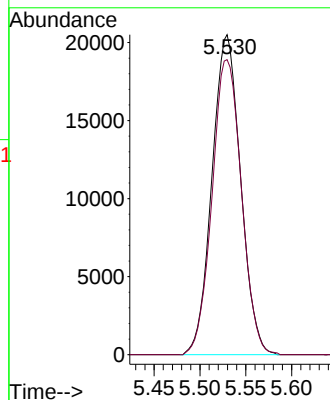
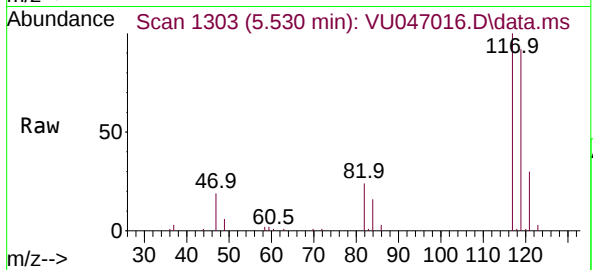




#31
Carbon tetrachloride
Concen: 4.866 ug/L
RT: 5.530 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047016.D
Acq: 03 Feb 2022 11:52

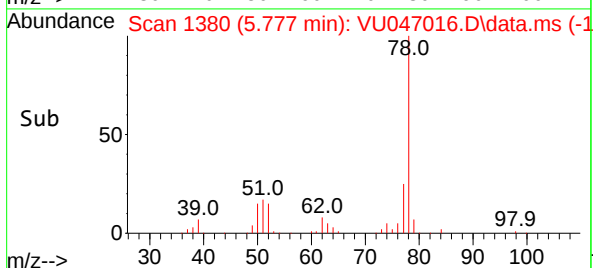
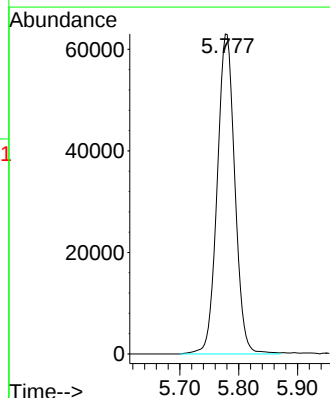
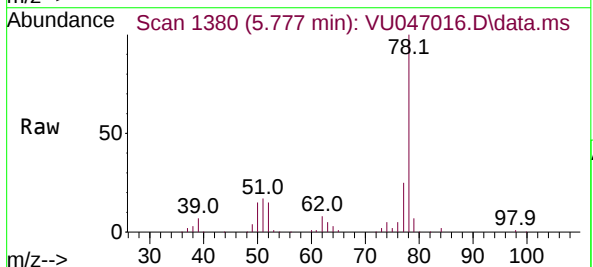
Instrument :
MSVOA_U
ClientSampleId :

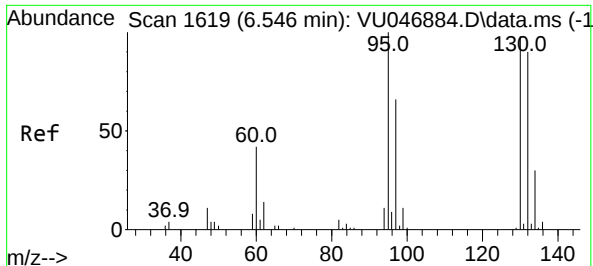
Tgt Ion:117 Resp: 44440
Ion Ratio Lower Upper
117 100
119 94.7 77.5 116.3



#33
Benzene
Concen: 4.728 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU047016.D
Acq: 03 Feb 2022 11:52

Tgt Ion: 78 Resp: 131548

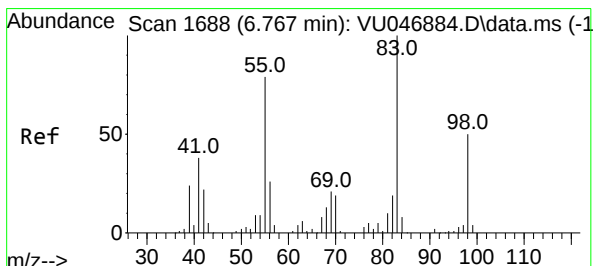
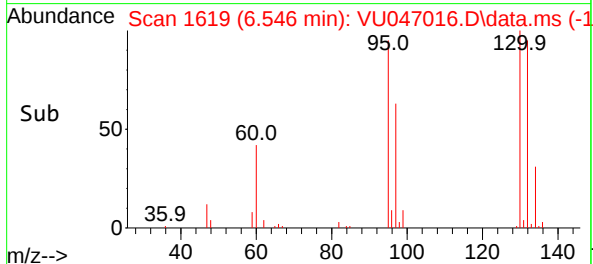
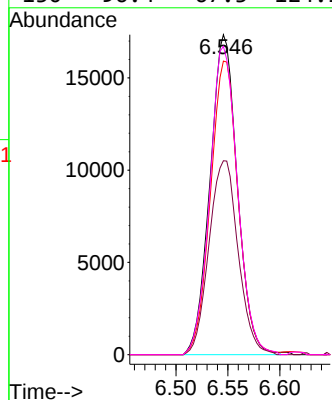
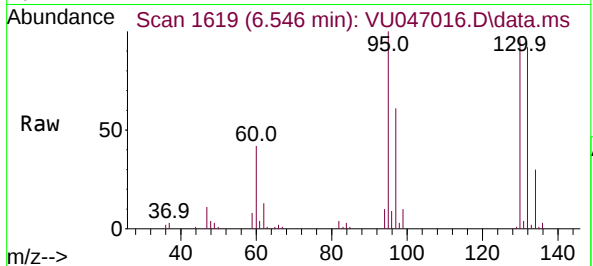




#34
Trichloroethene
Concen: 4.394 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047016.D
Acq: 03 Feb 2022 11:52

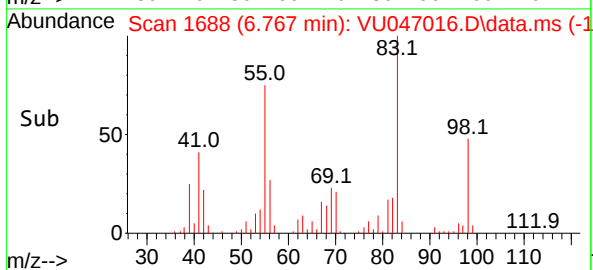
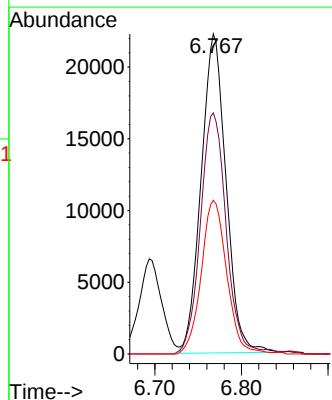
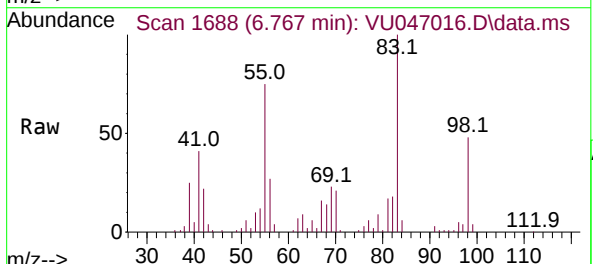
Instrument :
MSVOA_U
ClientSampleId :

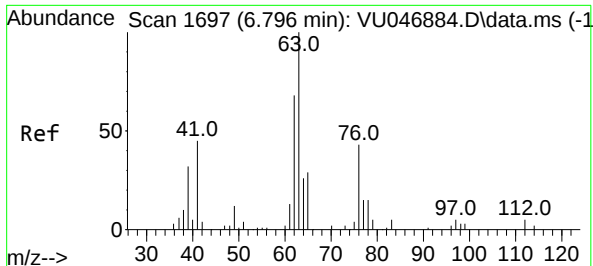
Tgt Ion: 95 Resp: 31741
Ion Ratio Lower Upper
95 100
97 60.6 46.5 86.5
132 91.8 65.1 120.9
130 96.4 67.3 124.9



#35
Methylcyclohexane
Concen: 3.676 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU047016.D
Acq: 03 Feb 2022 11:52

Tgt Ion: 83 Resp: 44473
Ion Ratio Lower Upper
83 100
55 77.8 61.9 92.9
98 49.2 39.0 58.6





#37

1,2-Dichloropropane

Concen: 5.086 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047016.D

Acq: 03 Feb 2022 11:52

Instrument :

MSVOA_U

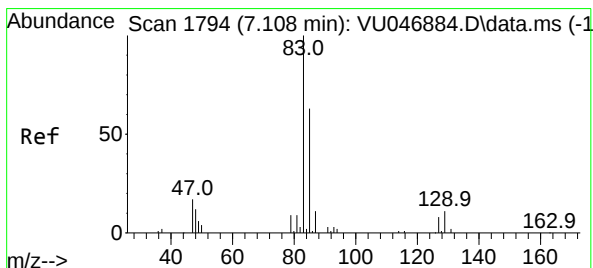
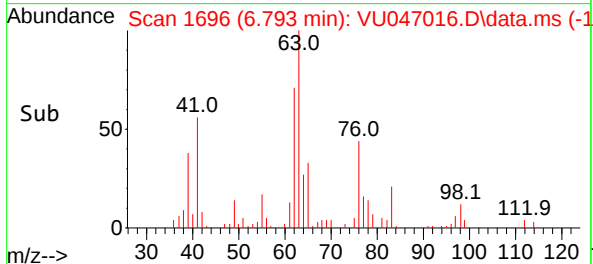
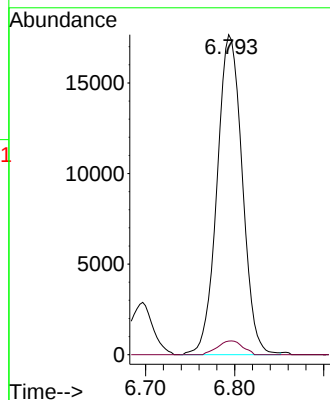
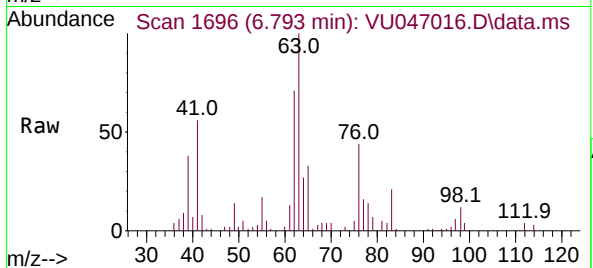
ClientSampleId :

Tgt Ion: 63 Resp: 34713

Ion Ratio Lower Upper

63 100

112 4.3 3.2 4.8



#38

Bromodichloromethane

Concen: 4.465 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU047016.D

Acq: 03 Feb 2022 11:52

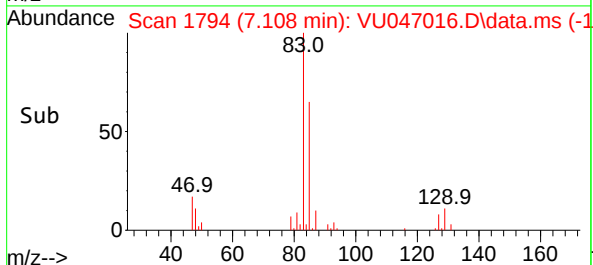
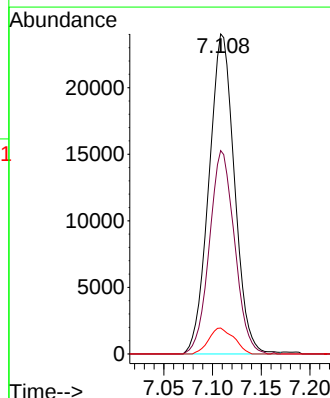
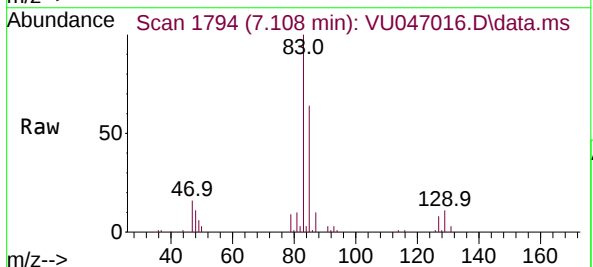
Tgt Ion: 83 Resp: 43852

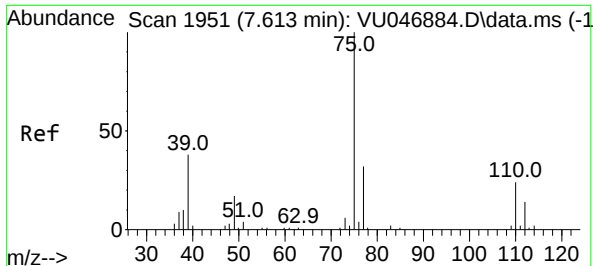
Ion Ratio Lower Upper

83 100

85 63.5 44.0 81.8

127 8.1 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.105 ug/L

RT: 7.610 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VU047016.D

Acq: 03 Feb 2022 11:52

Instrument :

MSVOA_U

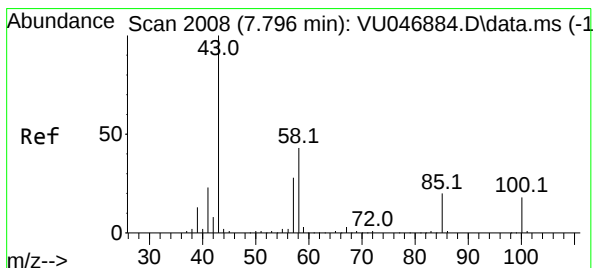
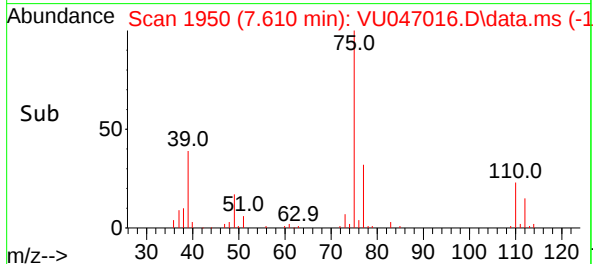
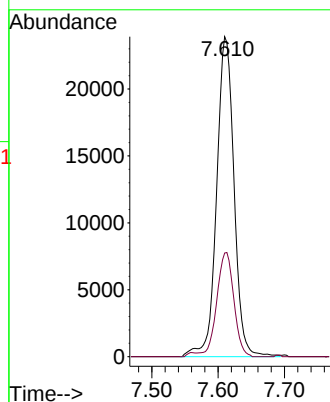
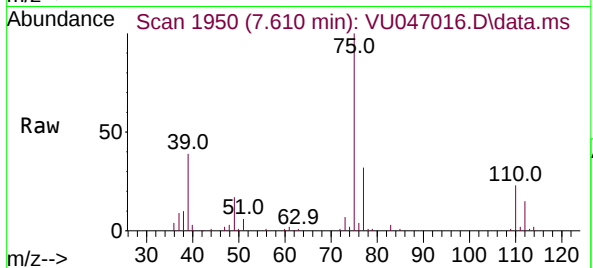
ClientSampleId :

Tgt Ion: 75 Resp: 43710

Ion Ratio Lower Upper

75 100

77 32.4 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 37.269 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU047016.D

Acq: 03 Feb 2022 11:52

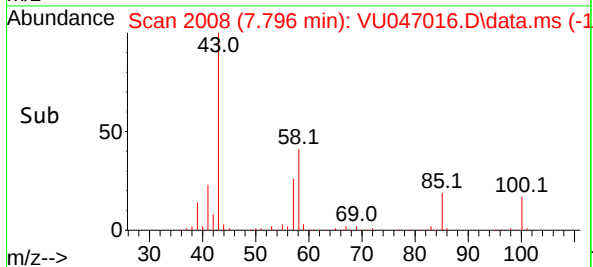
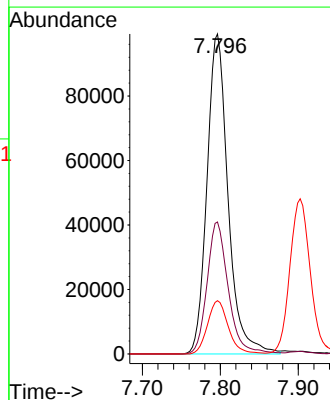
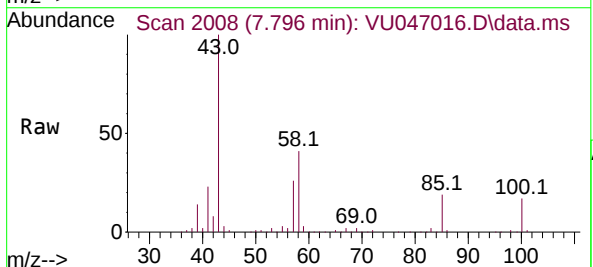
Tgt Ion: 43 Resp: 186473

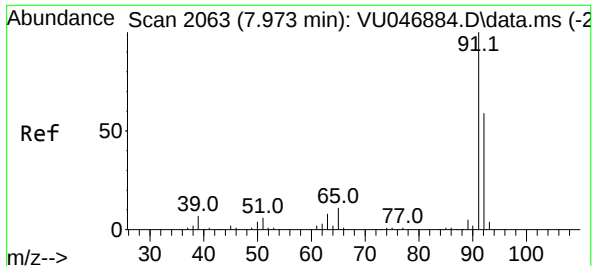
Ion Ratio Lower Upper

43 100

58 41.5 33.1 49.7

100 16.5 13.2 19.8





#42

Toluene

Concen: 4.128 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VU047016.D

Acq: 03 Feb 2022 11:52

Instrument :

MSVOA_U

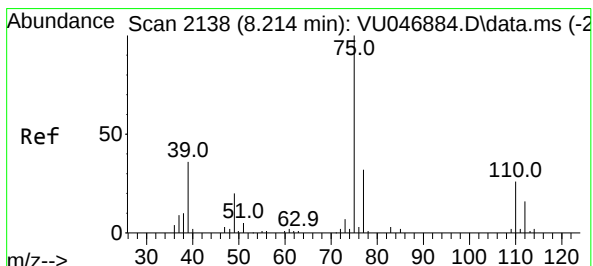
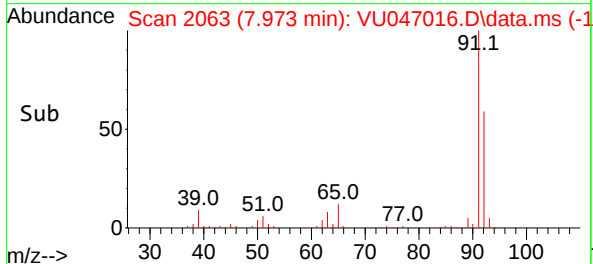
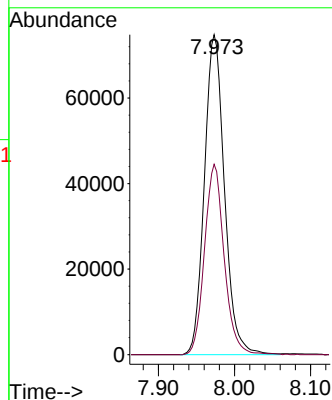
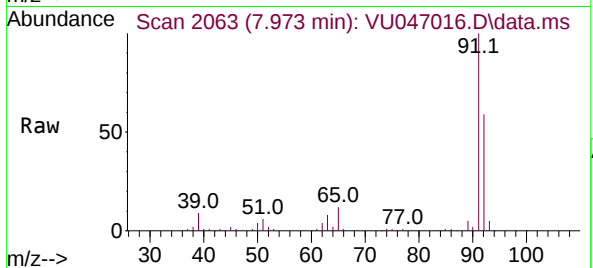
ClientSampleId :

Tgt Ion: 91 Resp: 137280

Ion Ratio Lower Upper

91 100

92 59.5 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 4.153 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. -0.000 min

Lab File: VU047016.D

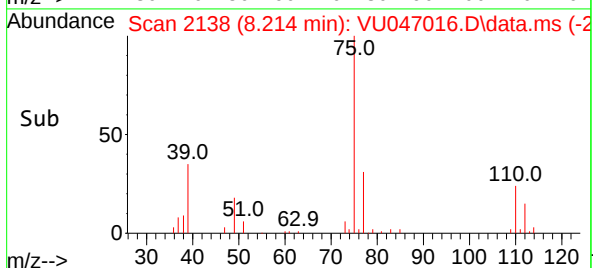
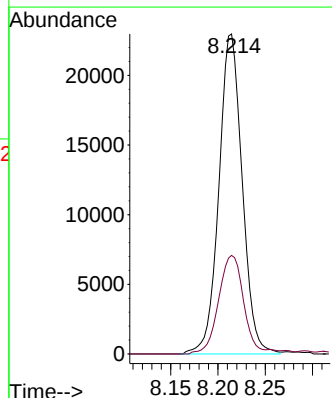
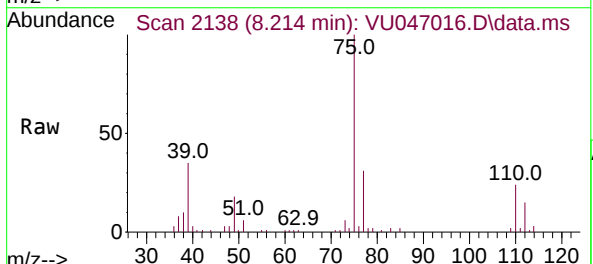
Acq: 03 Feb 2022 11:52

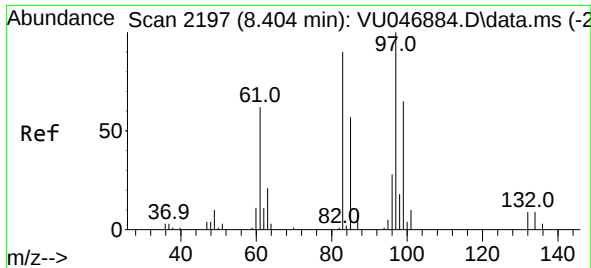
Tgt Ion: 75 Resp: 39401

Ion Ratio Lower Upper

75 100

77 30.8 22.7 42.3

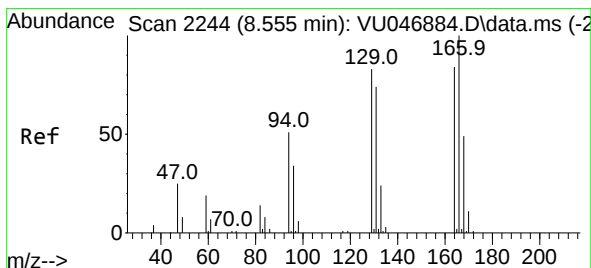
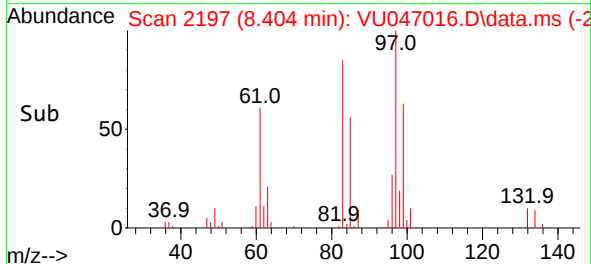
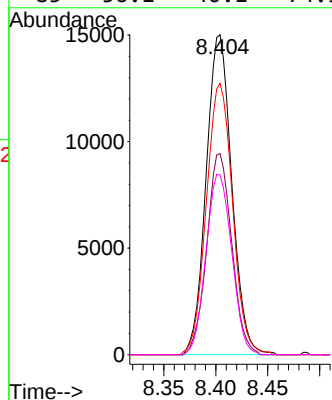
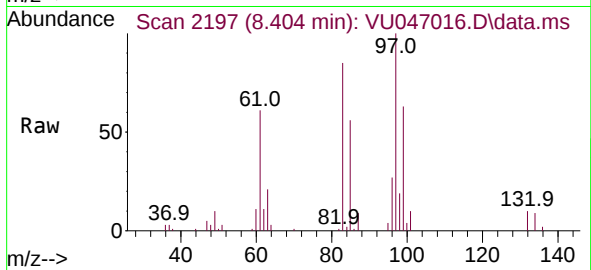




#45
1,1,2-Trichloroethane
Concen: 4.438 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU047016.D
Acq: 03 Feb 2022 11:52

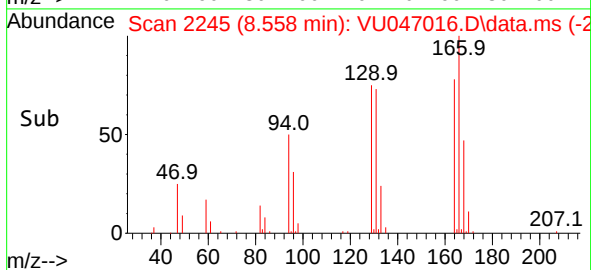
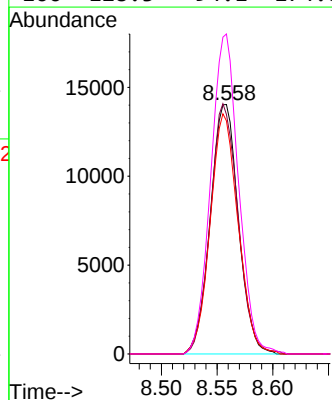
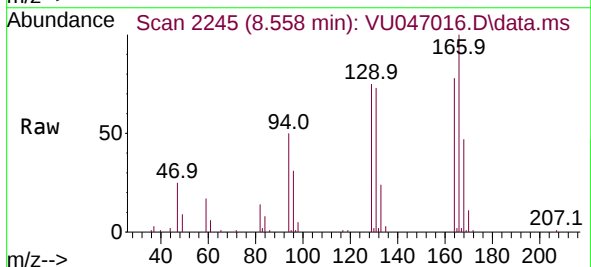
Instrument :
MSVOA_U
ClientSampleId :

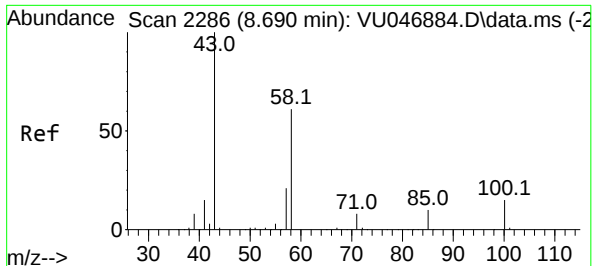
Tgt Ion:	97	Resp:	25768
Ion	Ratio	Lower	Upper
97	100		
99	62.8	42.3	78.5
83	84.8	62.0	115.2
85	56.1	40.1	74.5



#47
Tetrachloroethene
Concen: 4.190 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU047016.D
Acq: 03 Feb 2022 11:52

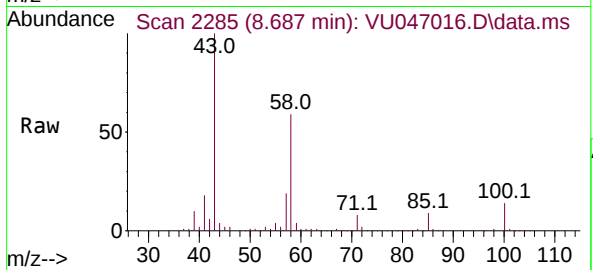
Tgt Ion:	164	Resp:	24613
Ion	Ratio	Lower	Upper
164	100		
129	96.0	71.8	133.4
131	93.5	68.5	127.3
166	128.3	94.1	174.8



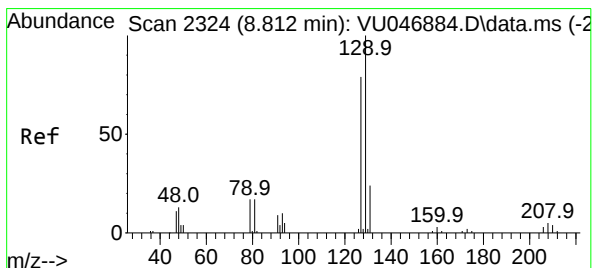
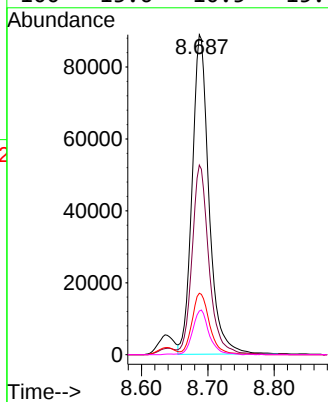
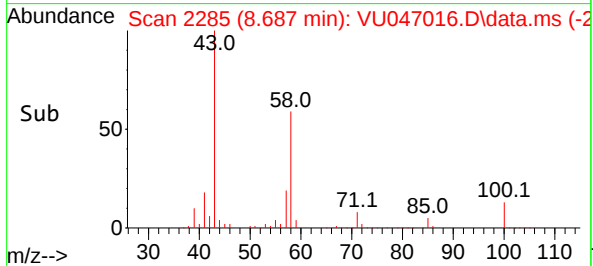


#48
2-Hexanone
Concen: 41.506 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. -0.000 min
Lab File: VU047016.D
Acq: 03 Feb 2022 11:52

Instrument :
MSVOA_U
ClientSampleId :

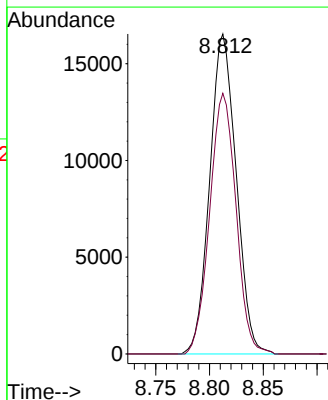
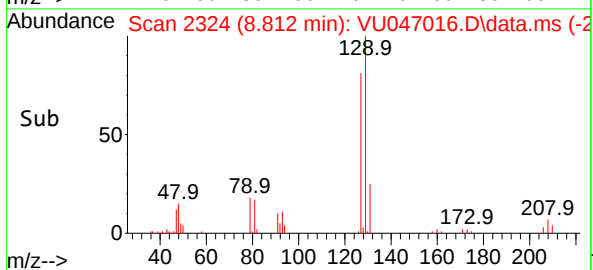
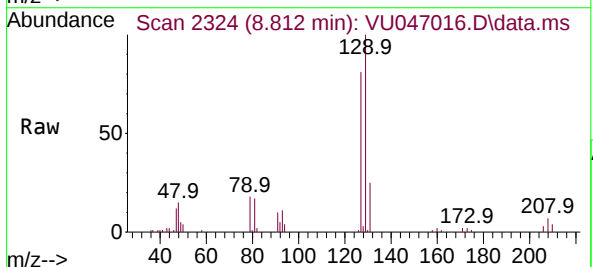


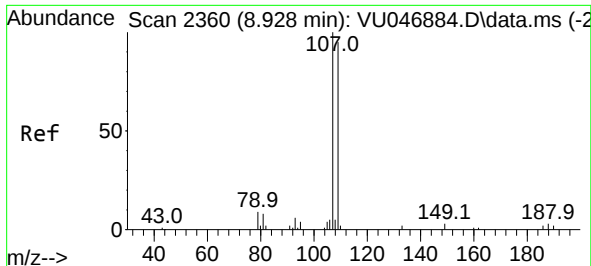
Tgt Ion: 43 Resp: 156754
Ion Ratio Lower Upper
43 100
58 58.5 46.7 70.1
57 19.6 16.3 24.5
100 13.6 10.5 15.7



#49
Dibromochloromethane
Concen: 4.139 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU047016.D
Acq: 03 Feb 2022 11:52

Tgt Ion: 129 Resp: 28349
Ion Ratio Lower Upper
129 100
127 81.4 55.4 102.8





#50

1,2-Dibromoethane

Concen: 4.045 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU047016.D

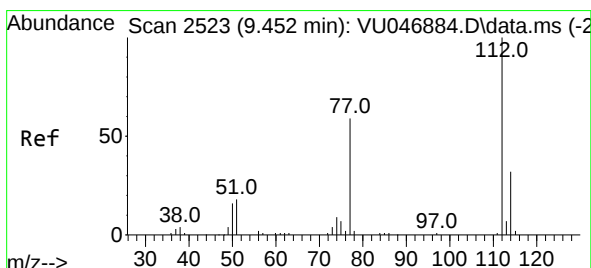
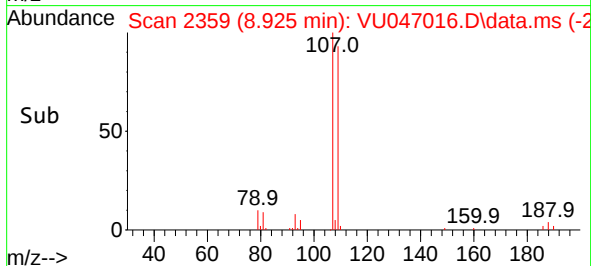
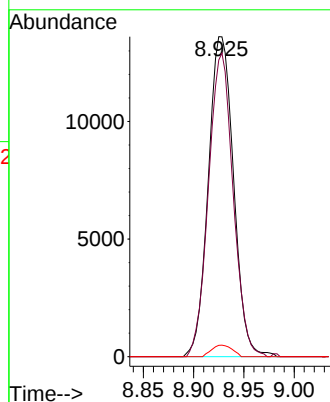
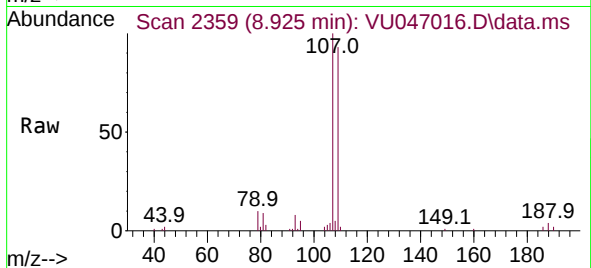
Acq: 03 Feb 2022 11:52

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	23805
Ion Ratio	Lower	Upper
107	100	
109	92.7	64.0 119.0
188	3.6	2.4 3.6



#51

Chlorobenzene

Concen: 4.483 ug/L

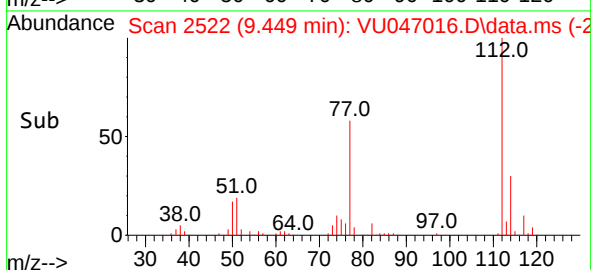
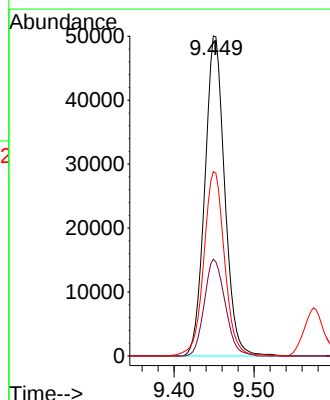
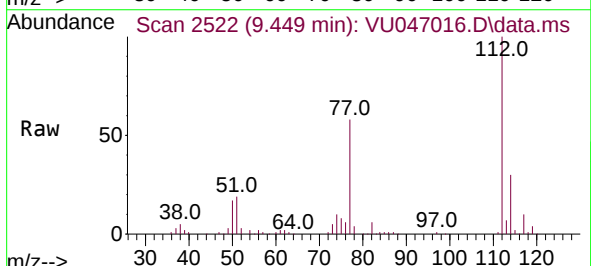
RT: 9.449 min Scan# 2522

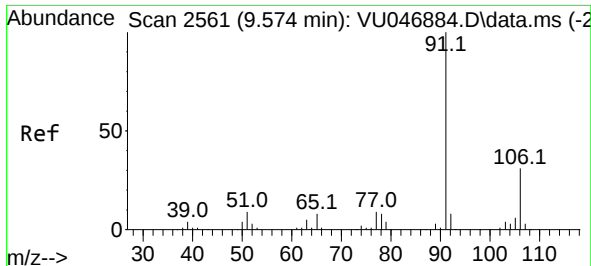
Delta R.T. -0.000 min

Lab File: VU047016.D

Acq: 03 Feb 2022 11:52

Tgt Ion:112	Resp:	86568
Ion Ratio	Lower	Upper
112	100	
114	30.2	22.1 41.1
77	57.6	48.3 72.5

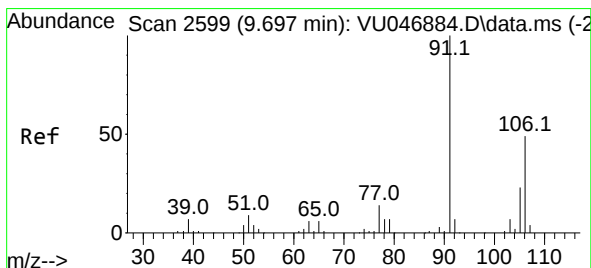
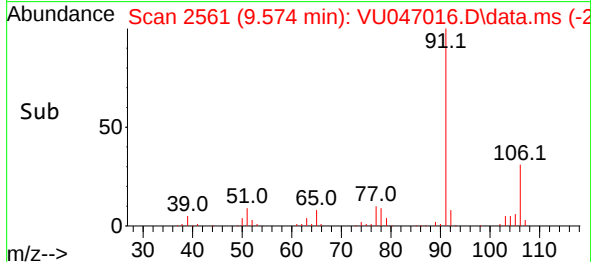
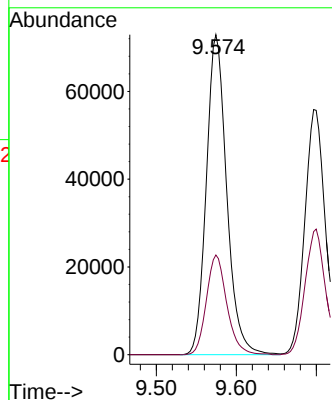
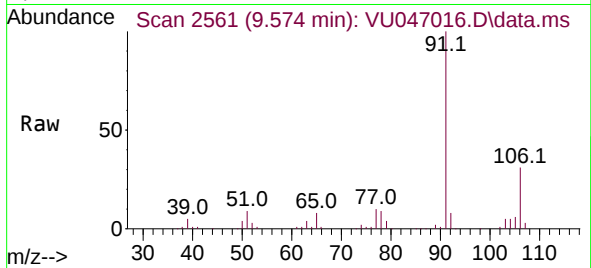




#52
Ethylbenzene
Concen: 4.085 ug/L
RT: 9.574 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047016.D
Acq: 03 Feb 2022 11:52

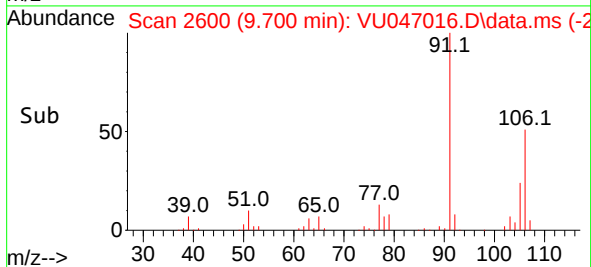
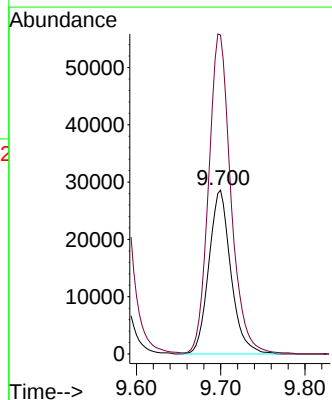
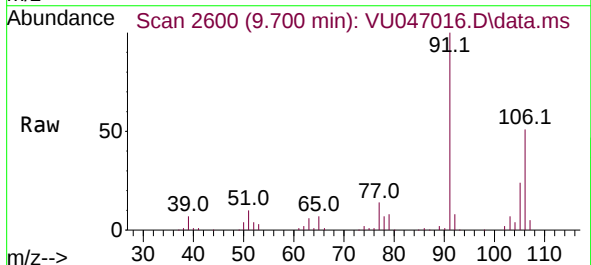
Instrument :
MSVOA_U
ClientSampleId :

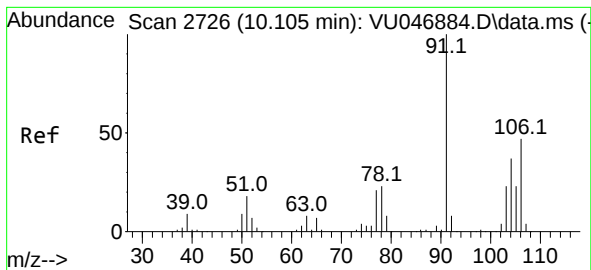
Tgt Ion: 91 Resp: 129157
Ion Ratio Lower Upper
91 100
106 31.1 21.5 39.9



#53
m,p-Xylene
Concen: 4.117 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.003 min
Lab File: VU047016.D
Acq: 03 Feb 2022 11:52

Tgt Ion:106 Resp: 51888
Ion Ratio Lower Upper
106 100
91 194.5 139.4 259.0





#54

o-Xylene

Concen: 3.909 ug/L

RT: 10.105 min Scan# 2726

Delta R.T. -0.000 min

Lab File: VU047016.D

Acq: 03 Feb 2022 11:52

Instrument :

MSVOA_U

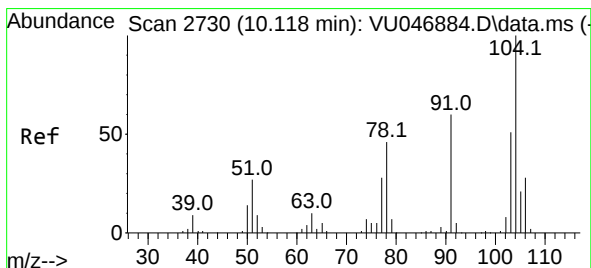
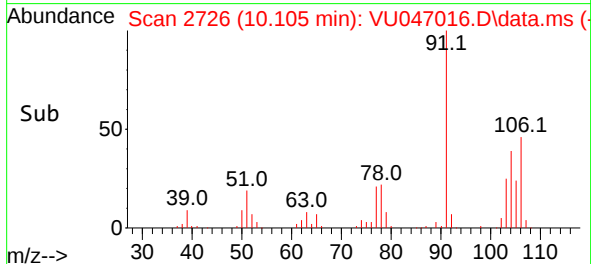
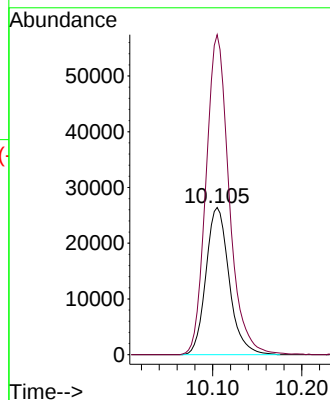
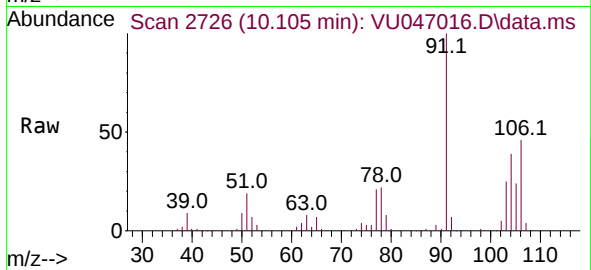
ClientSampleId :

Tgt Ion:106 Resp: 47754

Ion Ratio Lower Upper

106 100

91 217.4 147.5 273.9



#55

Styrene

Concen: 4.177 ug/L

RT: 10.118 min Scan# 2730

Delta R.T. -0.000 min

Lab File: VU047016.D

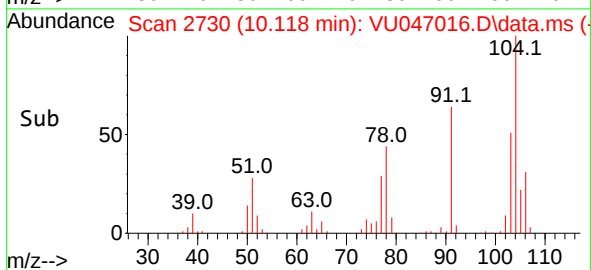
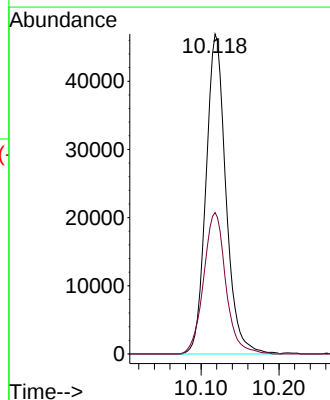
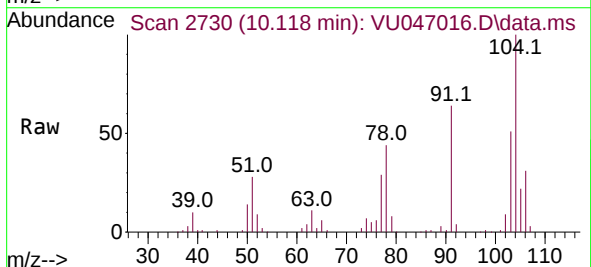
Acq: 03 Feb 2022 11:52

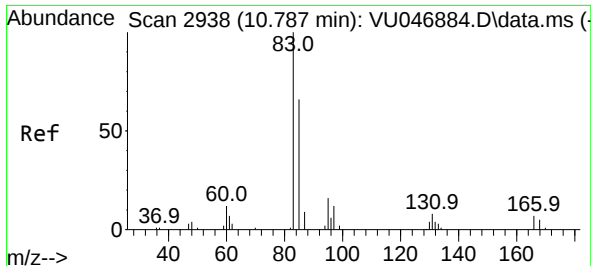
Tgt Ion:104 Resp: 83468

Ion Ratio Lower Upper

104 100

78 44.2 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 4.134 ug/L

RT: 10.783 min Scan# 2938

Delta R.T. -0.000 min

Lab File: VU047016.D

Acq: 03 Feb 2022 11:52

Instrument :

MSVOA_U

ClientSampleId :

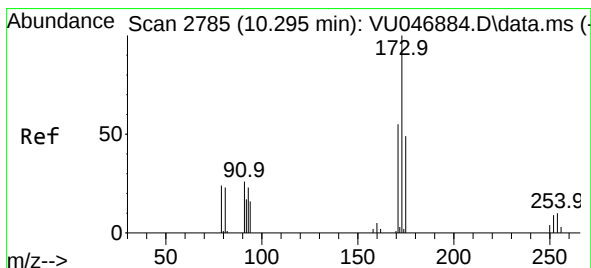
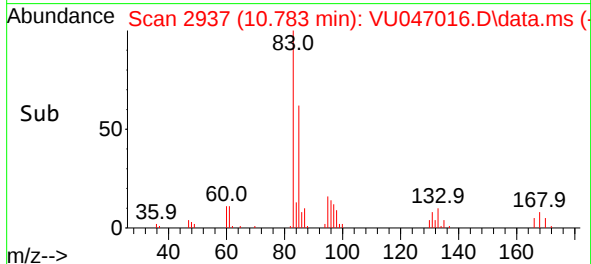
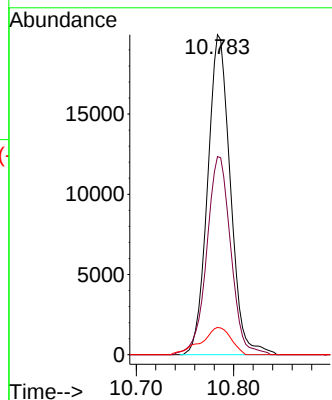
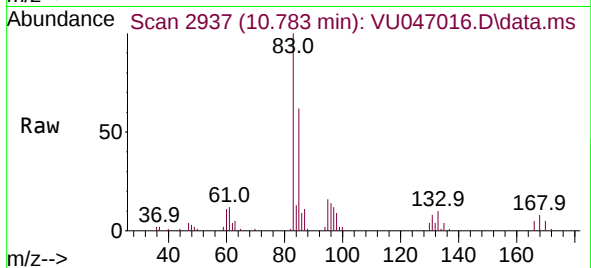
Tgt Ion: 83 Resp: 32279

Ion Ratio Lower Upper

83 100

85 61.9 47.9 89.1

131 8.5 8.1 12.1



#59

Bromoform

Concen: 3.903 ug/L

RT: 10.295 min Scan# 2785

Delta R.T. -0.000 min

Lab File: VU047016.D

Acq: 03 Feb 2022 11:52

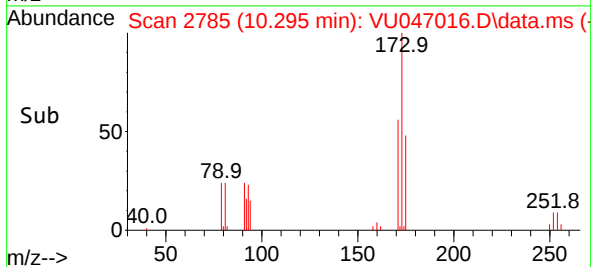
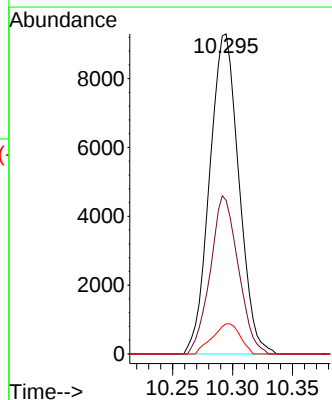
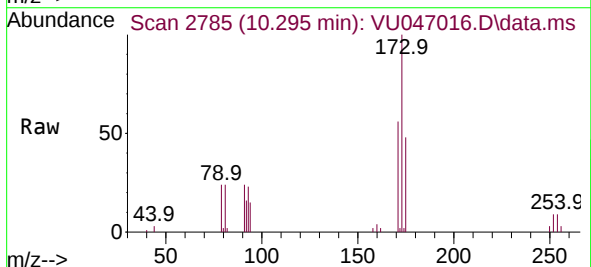
Tgt Ion:173 Resp: 15748

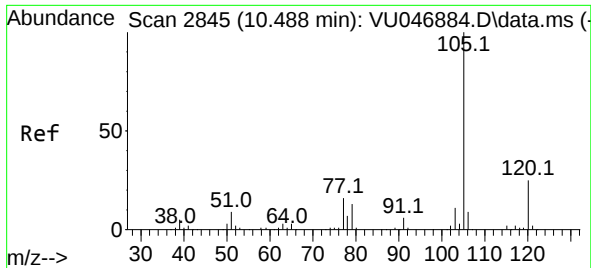
Ion Ratio Lower Upper

173 100

175 47.3 37.8 56.6

254 8.9 7.3 10.9

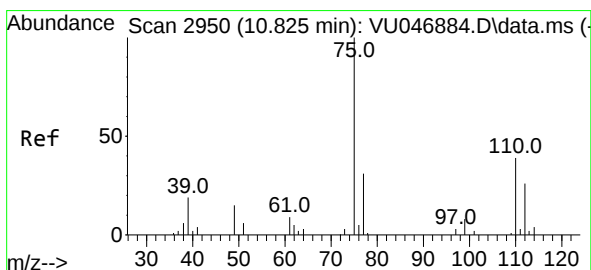
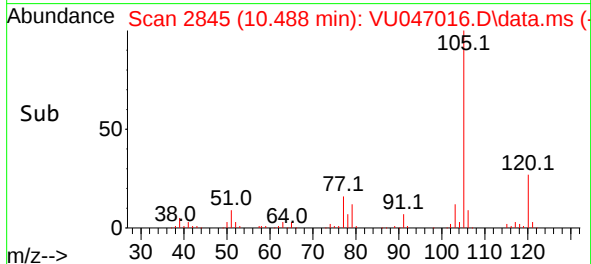
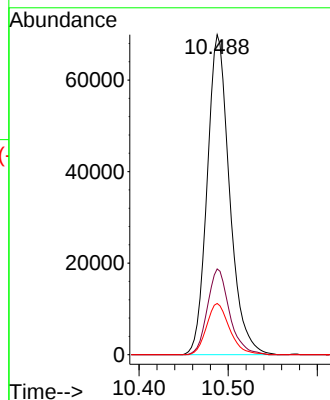
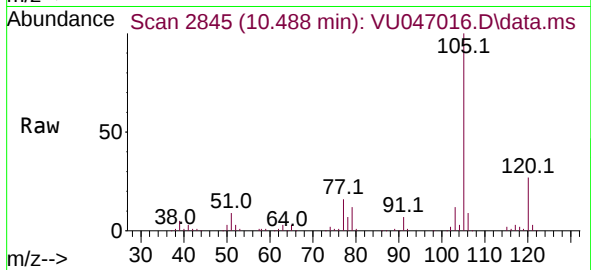




#60
Isopropylbenzene
Concen: 3.997 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU047016.D
Acq: 03 Feb 2022 11:52

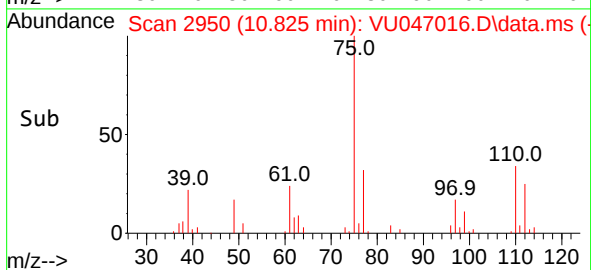
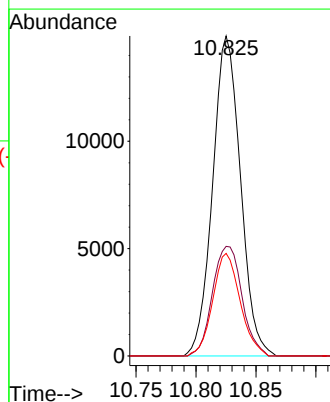
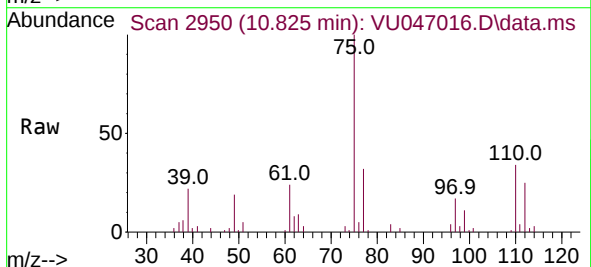
Instrument :
MSVOA_U
ClientSampleId :

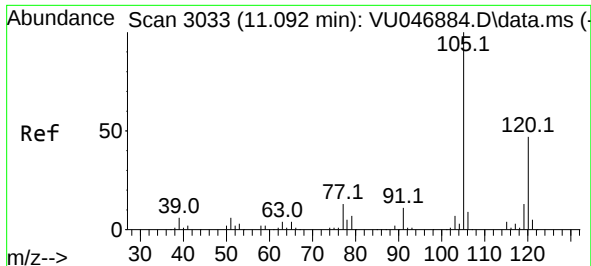
Tgt Ion:105 Resp: 121979
Ion Ratio Lower Upper
105 100
120 26.4 20.7 31.1
77 16.4 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.330 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU047016.D
Acq: 03 Feb 2022 11:52

Tgt Ion: 75 Resp: 24040
Ion Ratio Lower Upper
75 100
110 36.3 29.9 44.9
77 31.6 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 3.545 ug/L

RT: 11.089 min Scan# 3033

Delta R.T. -0.003 min

Lab File: VU047016.D

Acq: 03 Feb 2022 11:52

Instrument :

MSVOA_U

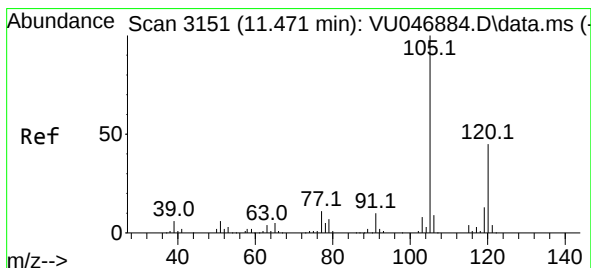
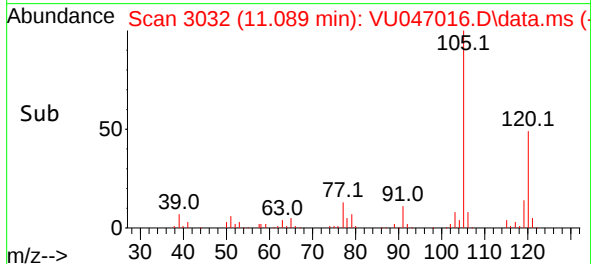
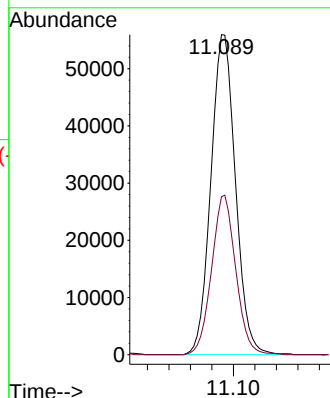
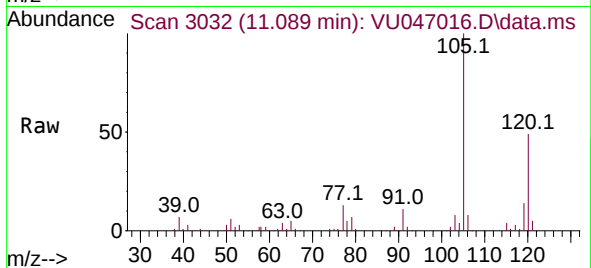
ClientSampleId :

Tgt Ion:105 Resp: 88807

Ion Ratio Lower Upper

105 100

120 49.0 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 3.503 ug/L

RT: 11.471 min Scan# 3151

Delta R.T. 0.003 min

Lab File: VU047016.D

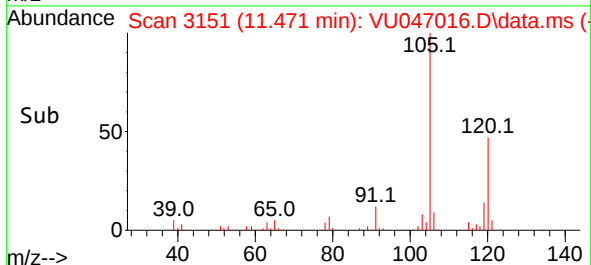
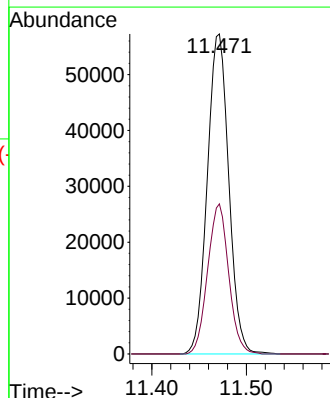
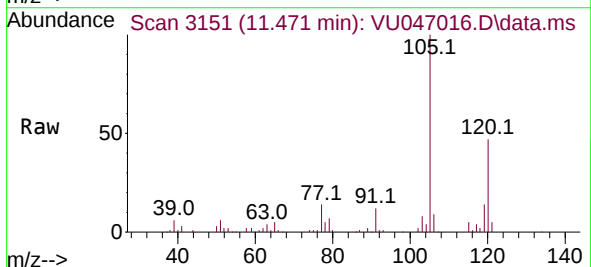
Acq: 03 Feb 2022 11:52

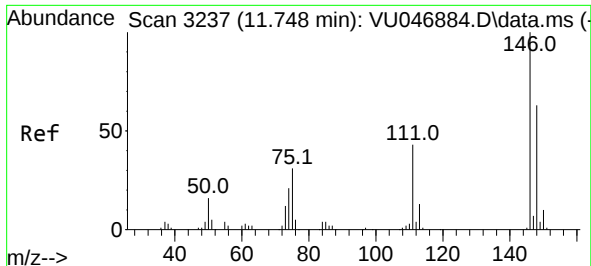
Tgt Ion:105 Resp: 90302

Ion Ratio Lower Upper

105 100

120 45.9 35.8 53.8

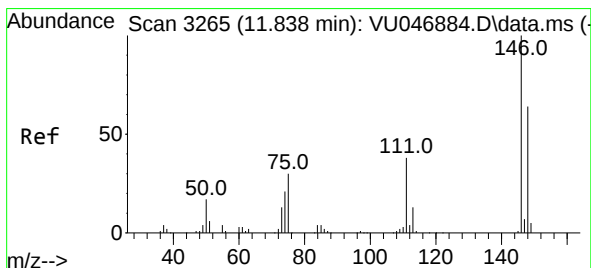
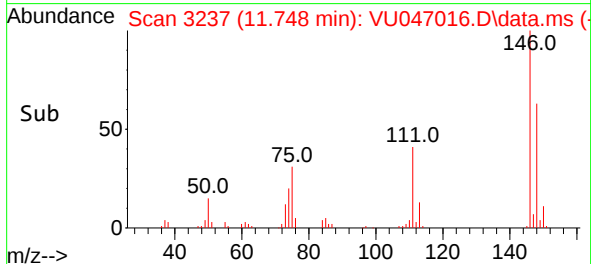
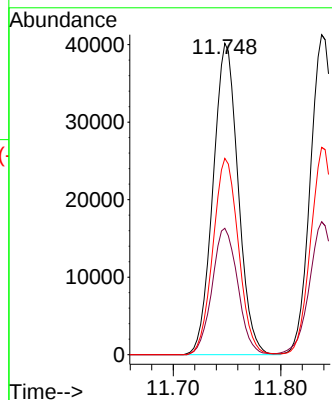
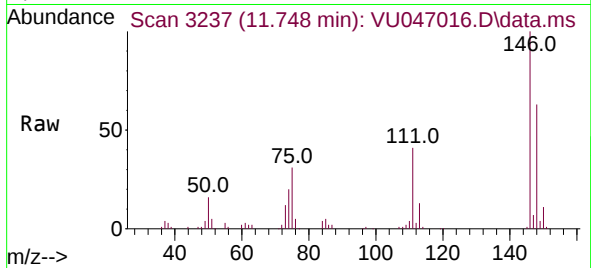




#64
1,3-Dichlorobenzene
Concen: 4.276 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU047016.D
Acq: 03 Feb 2022 11:52

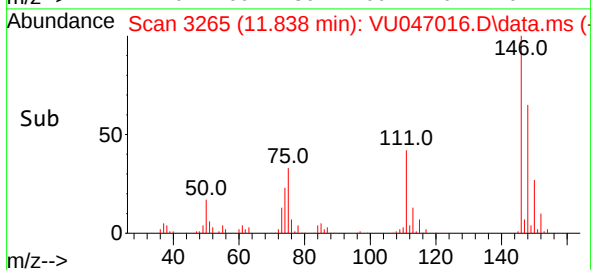
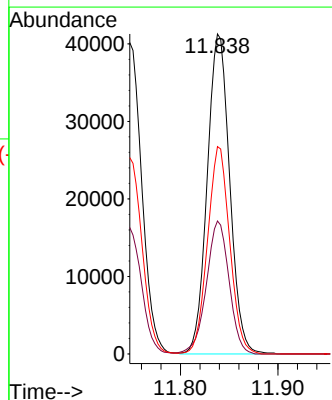
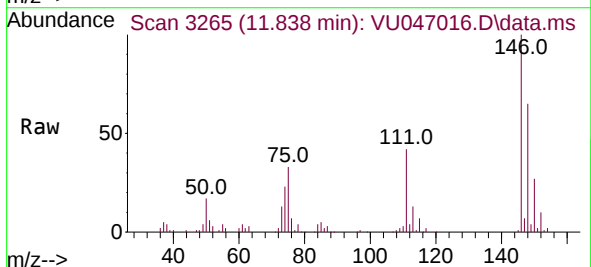
Instrument :
MSVOA_U
ClientSampleId :

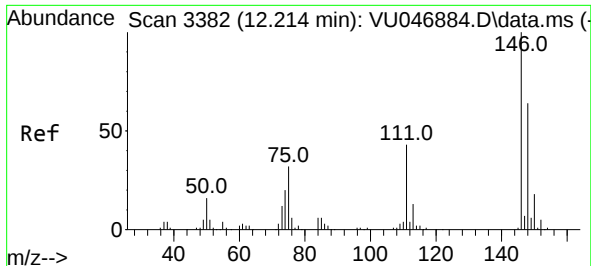
Tgt Ion:146 Resp: 65230
Ion Ratio Lower Upper
146 100
111 40.6 29.9 55.5
148 63.1 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 4.313 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU047016.D
Acq: 03 Feb 2022 11:52

Tgt Ion:146 Resp: 66214
Ion Ratio Lower Upper
146 100
111 41.6 28.7 53.3
148 64.8 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 4.195 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. -0.000 min

Lab File: VU047016.D

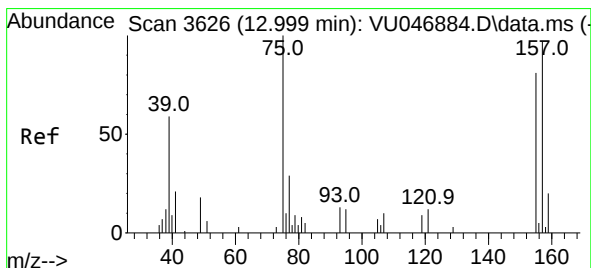
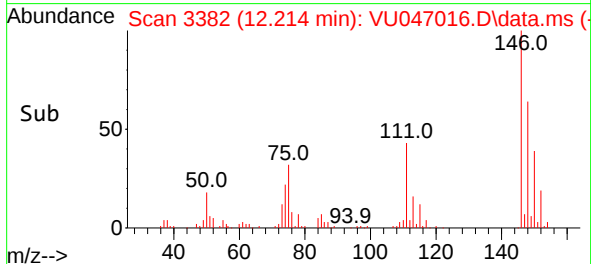
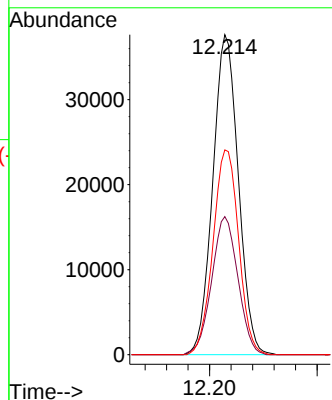
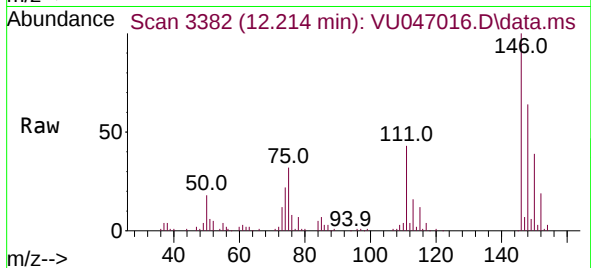
Acq: 03 Feb 2022 11:52

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:146	Resp:	61906
Ion	Ratio	Lower Upper
146	100	
111	43.2	35.4 53.0
148	64.0	51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 3.704 ug/L

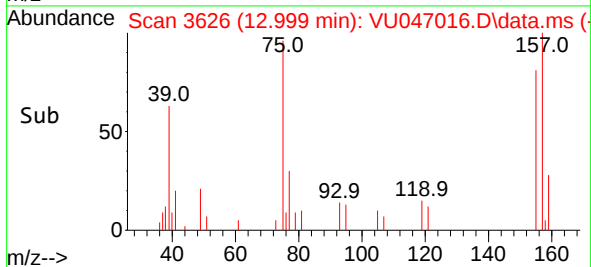
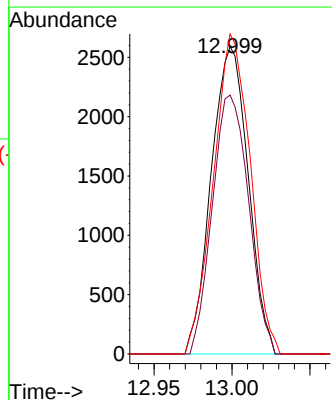
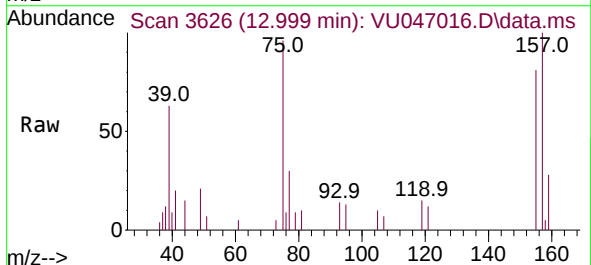
RT: 12.999 min Scan# 3626

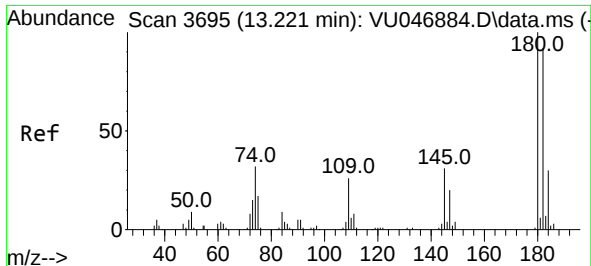
Delta R.T. -0.000 min

Lab File: VU047016.D

Acq: 03 Feb 2022 11:52

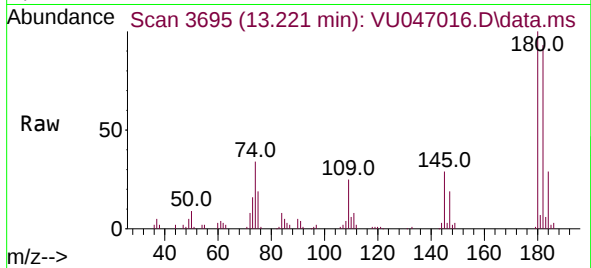
Tgt Ion: 75	Resp:	4268
Ion	Ratio	Lower Upper
75	100	
155	84.2	59.2 88.8
157	104.1	76.5 114.7



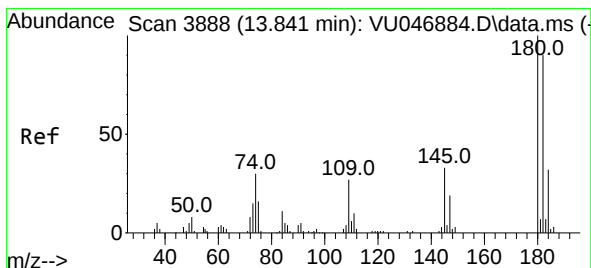
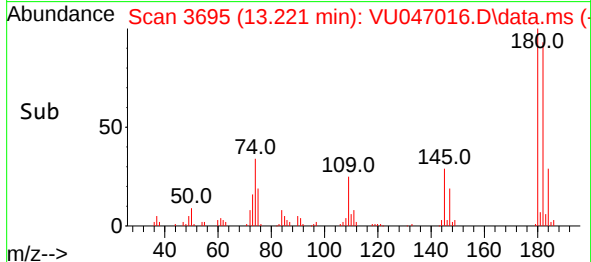
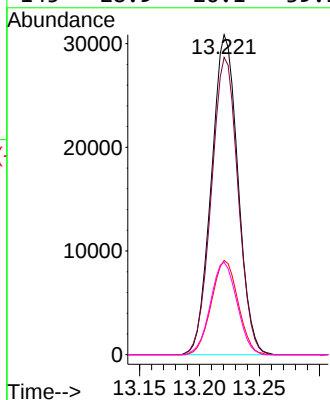


#69
 1,3,5-Trichlorobenzene
 Concen: 3.941 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU047016.D
 Acq: 03 Feb 2022 11:52

Instrument :
 MSVOA_U
 ClientSampleId :

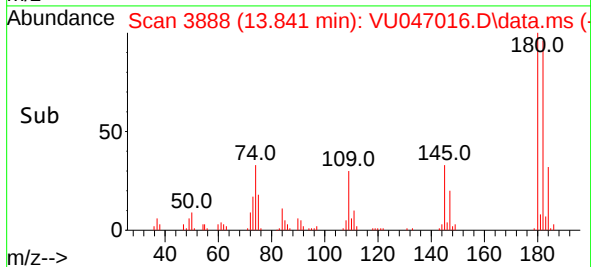
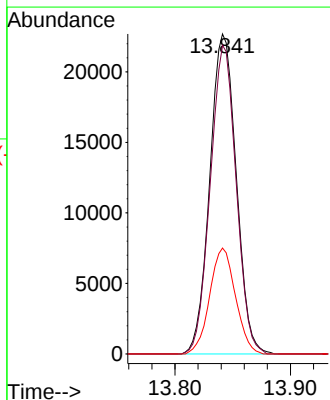
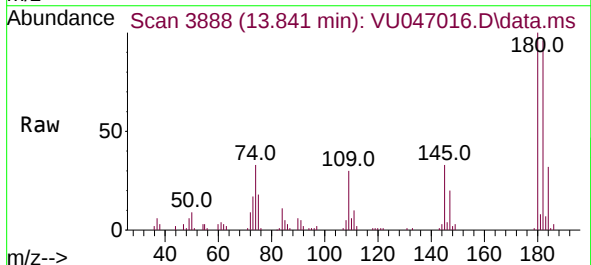


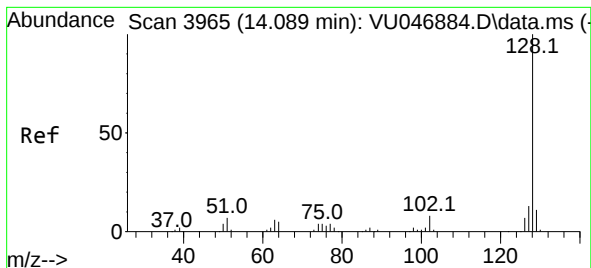
Tgt Ion:180 Resp: 47401
 Ion Ratio Lower Upper
 180 100
 182 93.4 76.1 114.1
 184 29.6 25.0 37.4
 145 28.9 26.1 39.1



#70
 1,2,4-trichlorobenzene
 Concen: 3.587 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU047016.D
 Acq: 03 Feb 2022 11:52

Tgt Ion:180 Resp: 36070
 Ion Ratio Lower Upper
 180 100
 182 94.2 76.4 114.6
 145 32.3 25.6 38.4





#71

Naphthalene

Concen: 3.018 ug/L

RT: 14.089 min Scan# 3965

Delta R.T. 0.003 min

Lab File: VU047016.D

Acq: 03 Feb 2022 11:52

Instrument :

MSVOA_U

ClientSampleId :

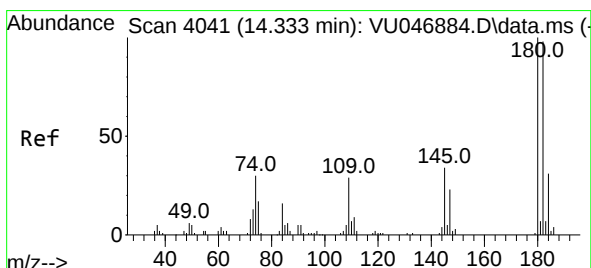
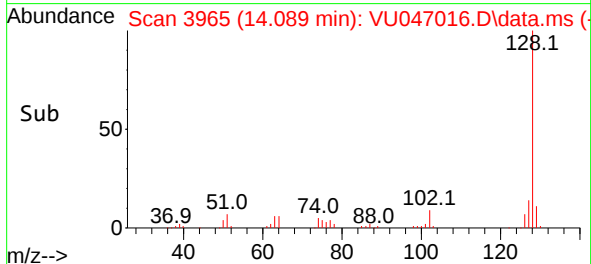
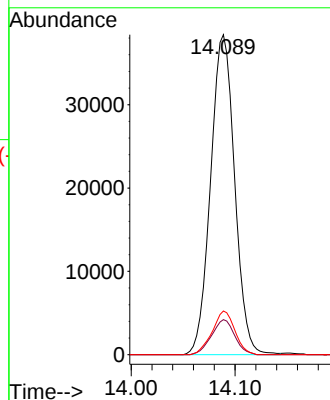
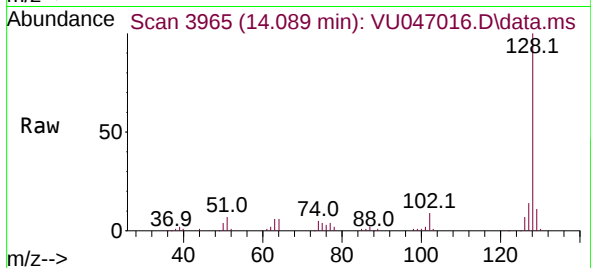
Tgt Ion:128 Resp: 61787

Ion Ratio Lower Upper

128 100

129 10.5 8.4 12.6

127 12.9 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 3.805 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. -0.000 min

Lab File: VU047016.D

Acq: 03 Feb 2022 11:52

Tgt Ion:180 Resp: 36142

Ion Ratio Lower Upper

180 100

182 96.0 76.2 114.4

145 33.3 28.4 42.6

