

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020422\
 Data File : VU047041.D
 Acq On : 04 Feb 2022 12:41
 Operator : SY/MD
 Sample : VSTD00154
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 05 01:00:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 05 00:59:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	95320	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	110954	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	54075	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	12808	1.425	ug/L	0.00
7) Chloroethane-d5	1.916	69	9875	1.406	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	65	4263	1.216	ug/L	0.00
20) 2-Butanone-d5	4.632	46	21732	9.113	ug/L	0.00
24) Chloroform-d	5.066	84	19709	1.276	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	10420	1.261	ug/L	0.00
32) Benzene-d6	5.732	84	36450	1.066	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.693	67	11994	1.170	ug/L	0.00
41) Toluene-d8	7.902	98	29908	0.953	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	3993	0.899	ug/L	0.00
46) 2-Hexanone-d5	8.635	63	15346	6.292	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	9817	0.984	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	11014	1.056	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	8385	0.946	ug/L	100
3) Chloromethane	1.526	50	10748	1.342	ug/L	91
5) Vinyl chloride	1.607	62	10841	1.313	ug/L	100
6) Bromomethane	1.861	94	5954	1.189	ug/L	99
8) Chloroethane	1.938	64	6299	1.307	ug/L	97
9) Trichlorofluoromethane	2.144	101	13497	1.318	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	8155	1.342	ug/L	98
12) 1,1-Dichloroethene	2.587	96	6638	1.168	ug/L	96
13) Acetone	2.645	43	13974	10.638	ug/L	95
14) Carbon disulfide	2.803	76	22399	1.227	ug/L	100
15) Methyl Acetate	2.957	43	2690	0.931	ug/L	92
16) Methylene chloride	3.054	84	9434	1.376	ug/L	95
17) Methyl tert-butyl Ether	3.366	73	14436	0.969	ug/L	100
18) trans-1,2-Dichloroethene	3.362	96	7188	1.190	ug/L	97
19) 1,1-Dichloroethane	3.877	63	13326	1.273	ug/L	98
21) 2-Butanone	4.710	43	18113	8.670	ug/L	96
22) cis-1,2-Dichloroethene	4.668	96	6990	1.092	ug/L	88
23) Bromochloromethane	4.980	128	3774	1.209	ug/L	90
25) Chloroform	5.092	83	15694	1.006	ug/L	98
27) 1,2-Dichloroethane	5.796	62	8678	1.209	ug/L #	90
29) 1,1,1-Trichloroethane	5.321	97	12632	1.218	ug/L	97
30) Cyclohexane	5.398	56	8691	0.867	ug/L	98
31) Carbon tetrachloride	5.529	117	10685	1.201	ug/L	94
33) Benzene	5.780	78	29600	1.098	ug/L	100
34) Trichloroethene	6.549	95	7608	1.101	ug/L	96
35) Methylcyclohexane	6.771	83	8696	0.777	ug/L	94
37) 1,2-Dichloropropane	6.796	63	7485	1.110	ug/L	99
38) Bromodichloromethane	7.105	83	10739	1.125	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	9330	0.932	ug/L	94
40) 4-Methyl-2-pentanone	7.793	43	35433	7.744	ug/L	94
42) Toluene	7.973	91	28038	0.871	ug/L	98
44) trans-1,3-Dichloropropene	8.214	75	8385	0.936	ug/L	98

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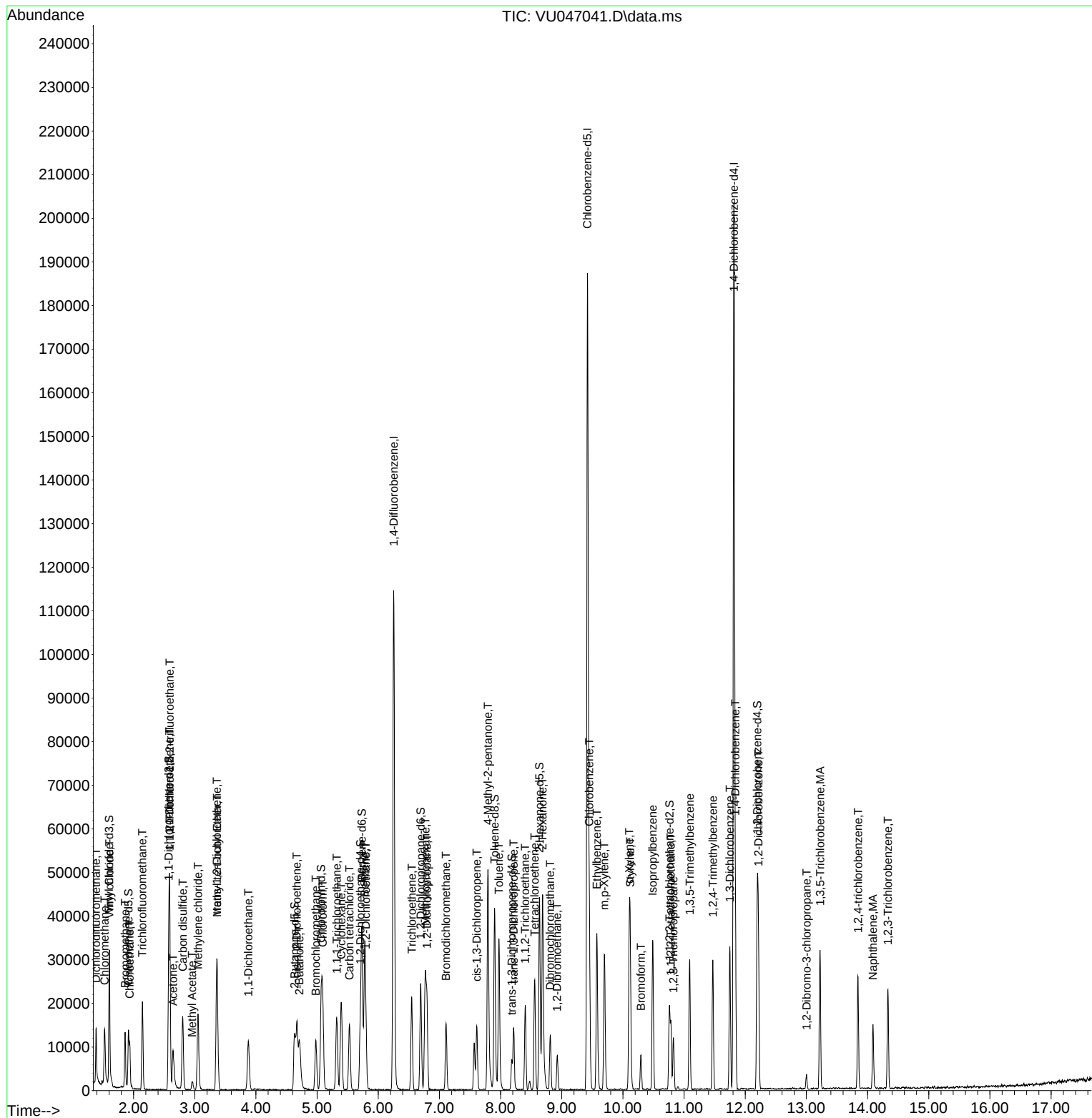
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	5430	0.974	ug/L	84
47) Tetrachloroethene	8.555	164	5708	1.023	ug/L	94
48) 2-Hexanone	8.687	43	27870	7.944	ug/L	98
49) Dibromochloromethane	8.812	129	6749	1.033	ug/L	98
50) 1,2-Dibromoethane	8.925	107	5270	0.959	ug/L #	96
51) Chlorobenzene	9.449	112	20013	1.077	ug/L	97
52) Ethylbenzene	9.574	91	26829	0.896	ug/L	98
53) m,p-Xylene	9.697	106	9729	0.818	ug/L	97
54) o-Xylene	10.102	106	8863	0.767	ug/L	81
55) Styrene	10.121	104	14756	0.772	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.783	83	7315	0.990	ug/L	90
59) Bromoform	10.295	173	3559	1.081	ug/L #	97
60) Isopropylbenzene	10.488	105	22679	0.895	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	5596	1.211	ug/L	92
62) 1,3,5-Trimethylbenzene	11.092	105	16241	0.803	ug/L	98
63) 1,2,4-Trimethylbenzene	11.471	105	16248	0.779	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	13684	1.063	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	14069	1.076	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	13059	1.051	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	1075	1.150	ug/L #	77
69) 1,3,5-Trichlorobenzene	13.224	180	10218	1.022	ug/L	97
70) 1,2,4-trichlorobenzene	13.844	180	8340	1.015	ug/L	98
71) Naphthalene	14.089	128	12011	0.743	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	7324	0.931	ug/L	98

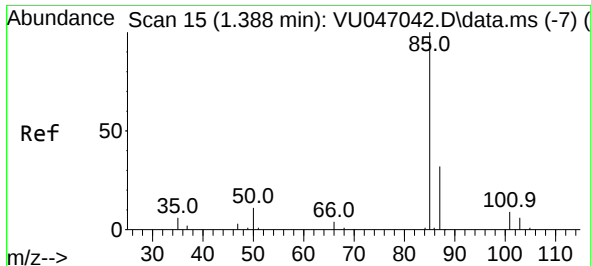
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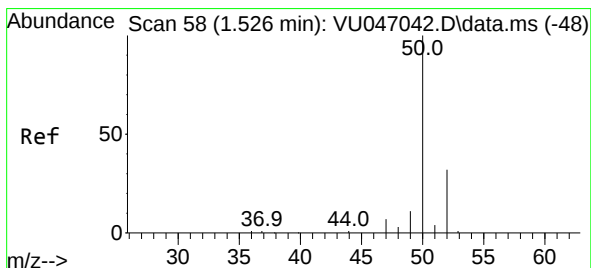
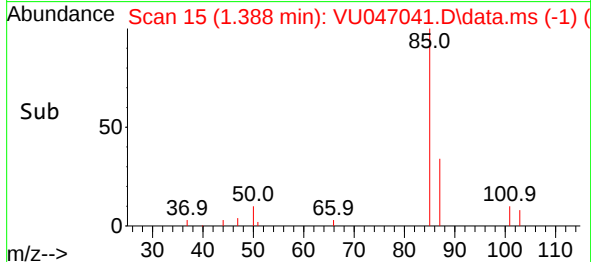
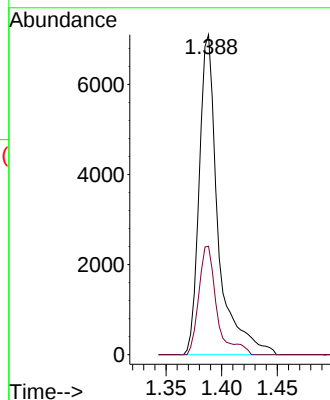
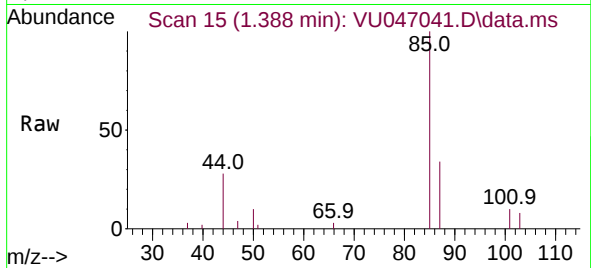




#2
 Dichlorodifluoromethane
 Concen: 0.946 ug/L
 RT: 1.388 min Scan# 15
 Delta R.T. 0.000 min
 Lab File: VU047041.D
 Acq: 04 Feb 2022 12:41

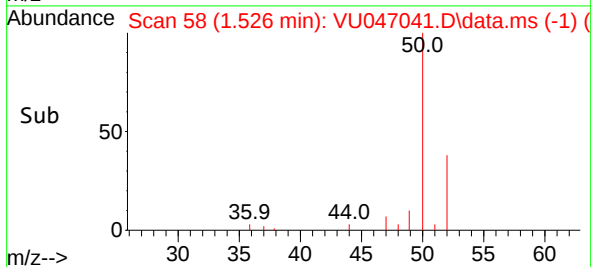
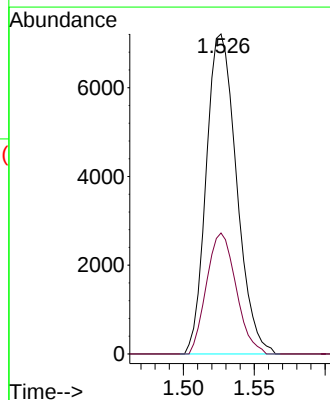
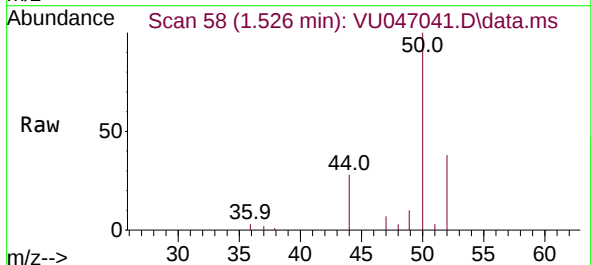
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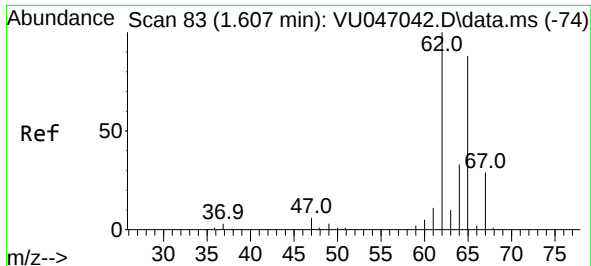
Tgt Ion: 85 Resp: 8385
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.9 38.9



#3
 Chloromethane
 Concen: 1.342 ug/L
 RT: 1.526 min Scan# 58
 Delta R.T. 0.000 min
 Lab File: VU047041.D
 Acq: 04 Feb 2022 12:41

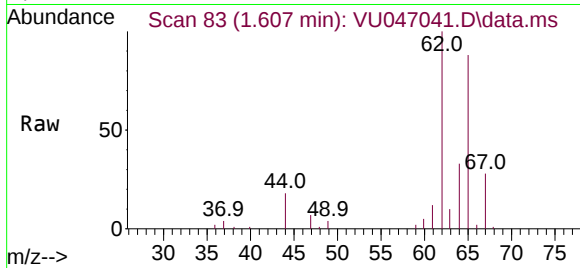
Tgt Ion: 50 Resp: 10748
 Ion Ratio Lower Upper
 50 100
 52 37.8 22.7 42.3



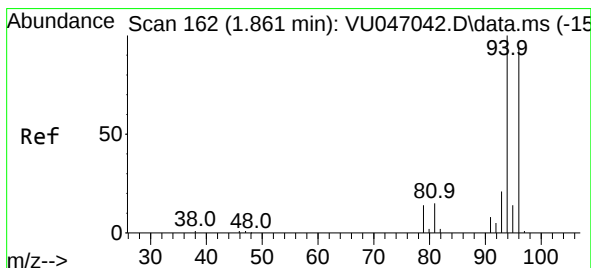
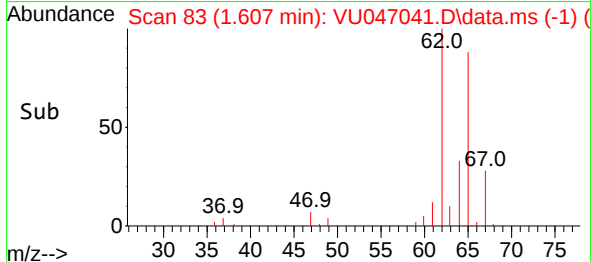
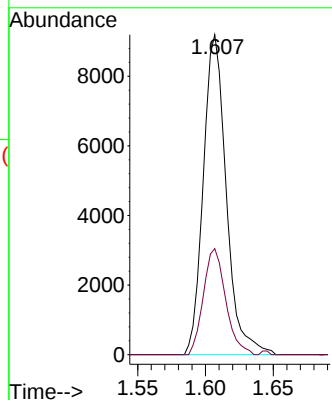


#5
 Vinyl chloride
 Concen: 1.313 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU047041.D
 Acq: 04 Feb 2022 12:41

Instrument :
 MSVOA_U
 ClientSampleId :

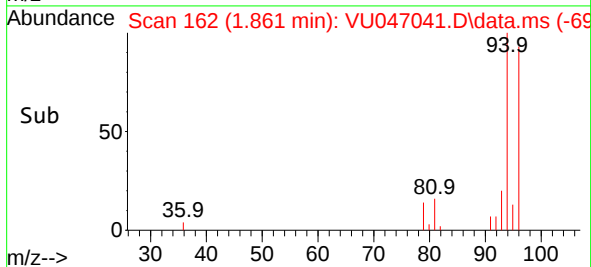
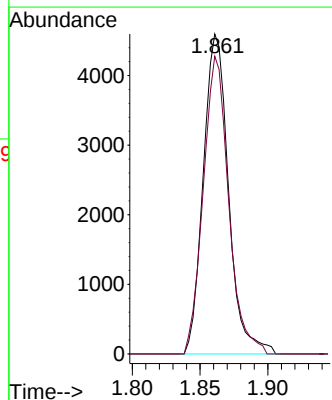
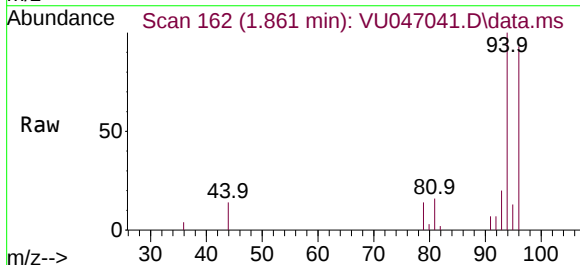


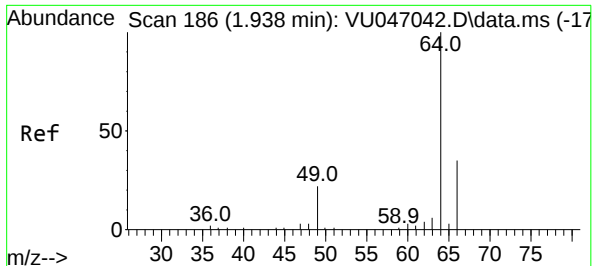
Tgt Ion: 62 Resp: 10841
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.1 42.9



#6
 Bromomethane
 Concen: 1.189 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU047041.D
 Acq: 04 Feb 2022 12:41

Tgt Ion: 94 Resp: 5954
 Ion Ratio Lower Upper
 94 100
 96 93.1 65.6 121.8

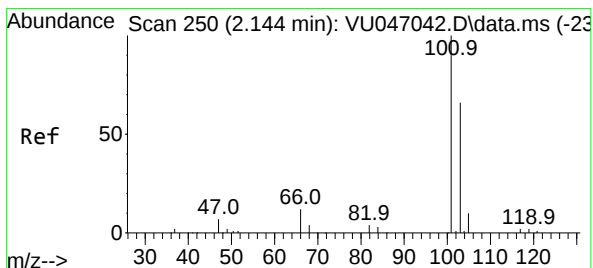
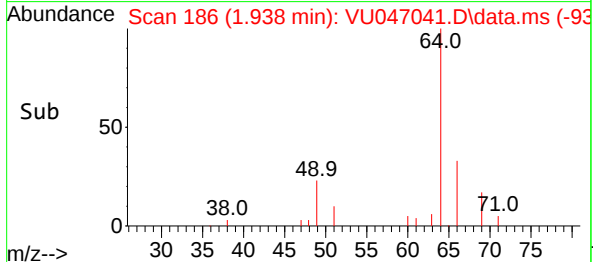
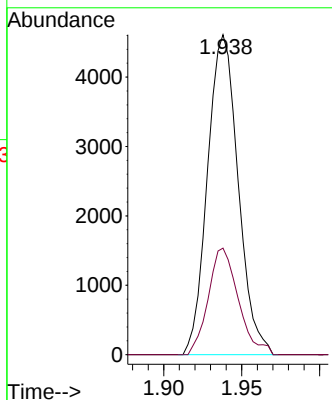
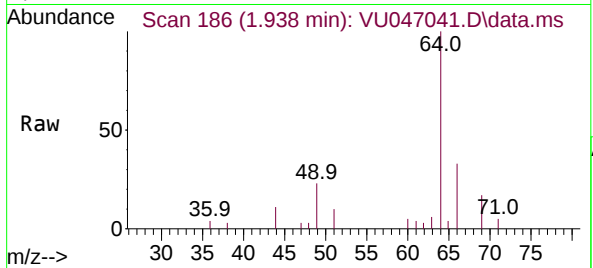




#8
Chloroethane
Concen: 1.307 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU047041.D
Acq: 04 Feb 2022 12:41

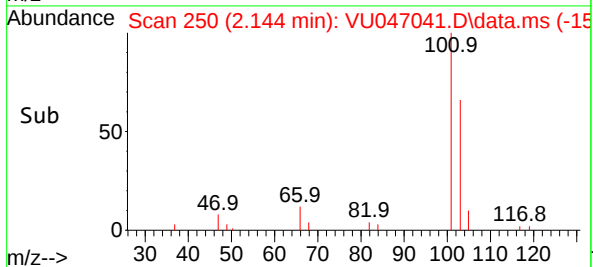
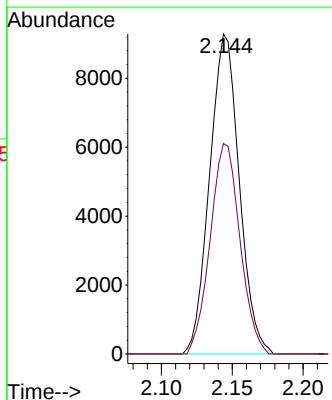
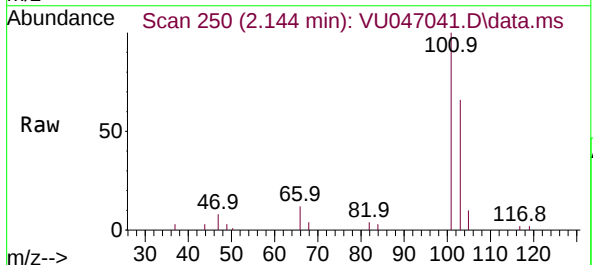
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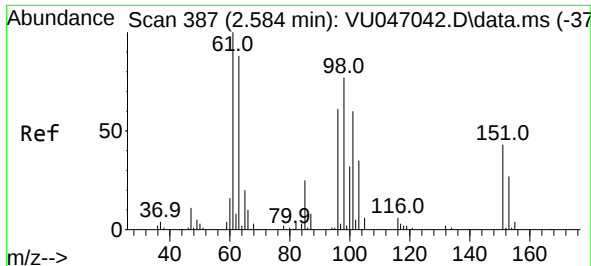
Tgt Ion: 64 Resp: 6299
Ion Ratio Lower Upper
64 100
66 33.3 24.4 45.4



#9
Trichlorofluoromethane
Concen: 1.318 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU047041.D
Acq: 04 Feb 2022 12:41

Tgt Ion:101 Resp: 13497
Ion Ratio Lower Upper
101 100
103 66.1 51.7 77.5

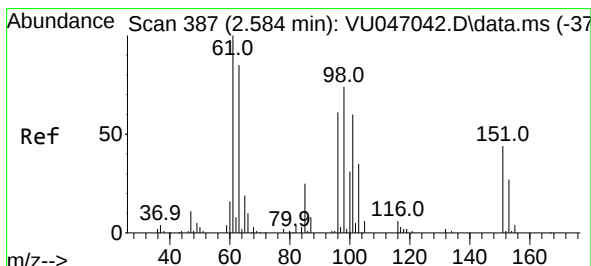
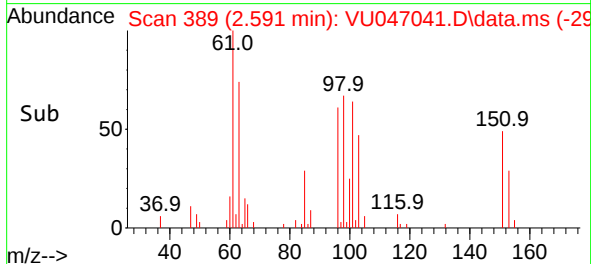
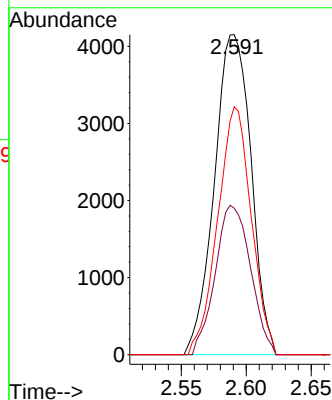
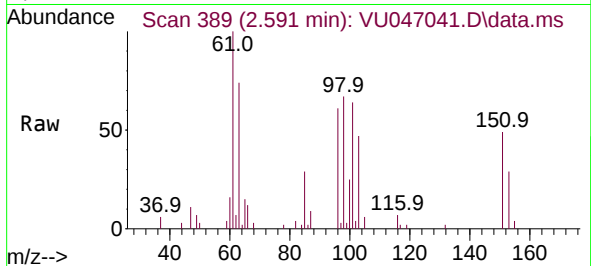




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.342 ug/L
 RT: 2.591 min Scan# 389
 Delta R.T. 0.006 min
 Lab File: VU047041.D
 Acq: 04 Feb 2022 12:41

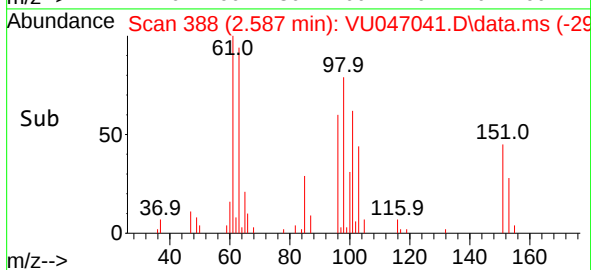
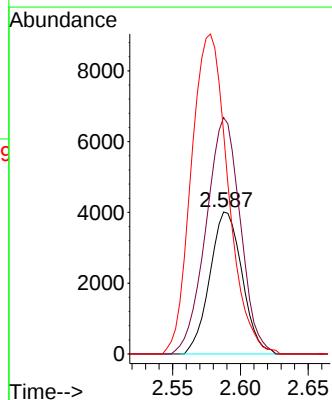
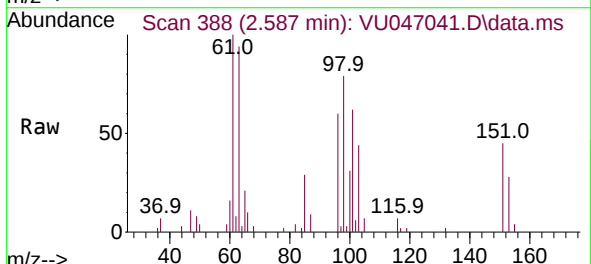
Instrument :
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 ClientSampleId :

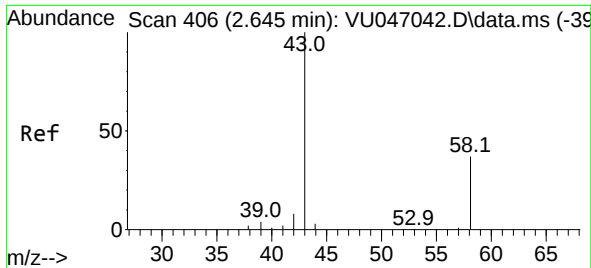
Tgt Ion:101 Resp: 8155
 Ion Ratio Lower Upper
 101 100
 85 44.9 33.8 50.6
 151 71.0 57.2 85.8



#12
 1,1-Dichloroethene
 Concen: 1.168 ug/L
 RT: 2.587 min Scan# 388
 Delta R.T. 0.003 min
 Lab File: VU047041.D
 Acq: 04 Feb 2022 12:41

Tgt Ion: 96 Resp: 6638
 Ion Ratio Lower Upper
 96 100
 61 166.6 115.5 214.5
 63 156.3 103.6 192.4





#13

Acetone

Concen: 10.638 ug/L

RT: 2.645 min Scan# 406

Delta R.T. 0.000 min

Lab File: VU047041.D

Acq: 04 Feb 2022 12:41

Instrument :

MSVOA_U

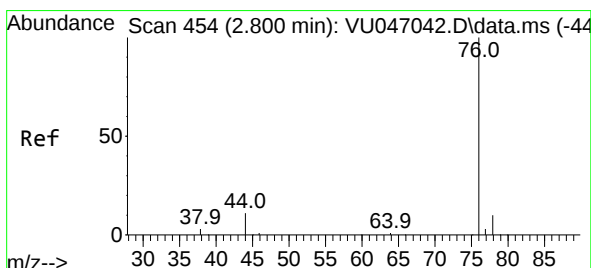
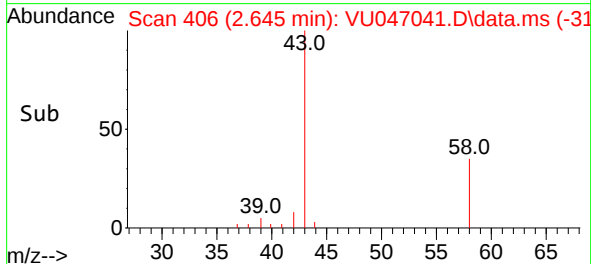
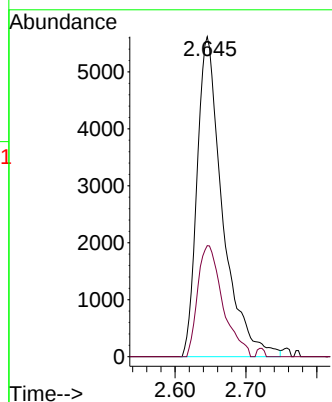
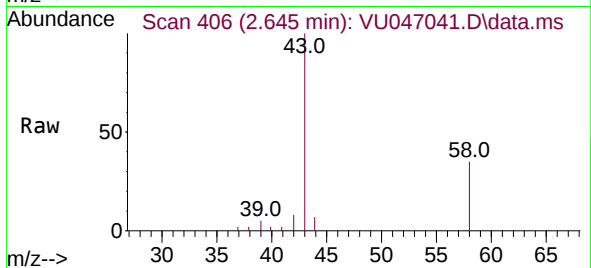
ClientSampleId :

Tgt Ion: 43 Resp: 13974

Ion Ratio Lower Upper

43 100

58 34.2 0.0 74.0



#14

Carbon disulfide

Concen: 1.227 ug/L

RT: 2.803 min Scan# 455

Delta R.T. 0.003 min

Lab File: VU047041.D

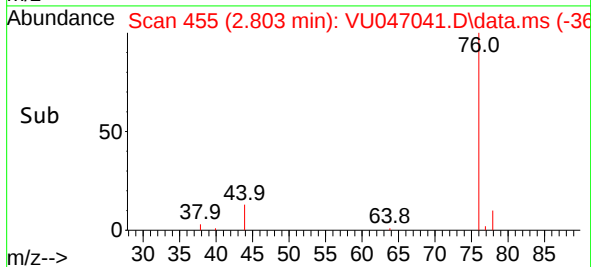
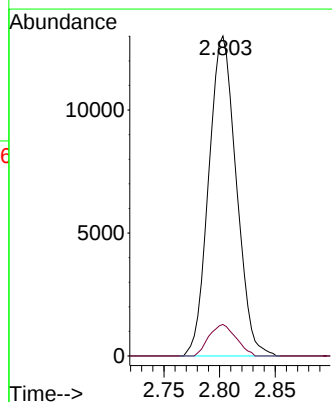
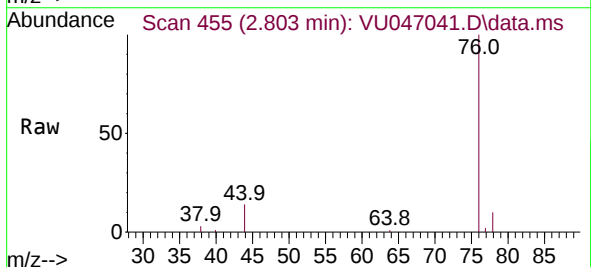
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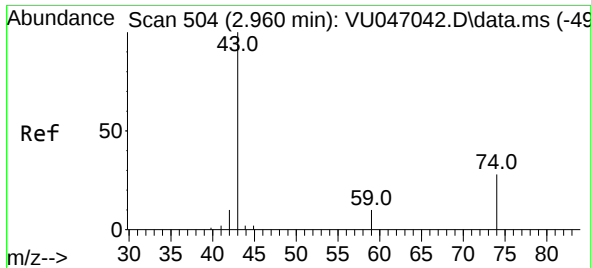
Tgt Ion: 76 Resp: 22399

Ion Ratio Lower Upper

76 100

78 9.9 7.8 11.6

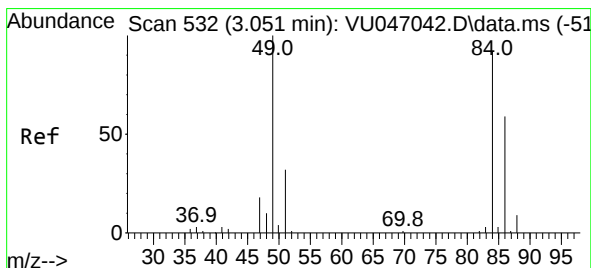
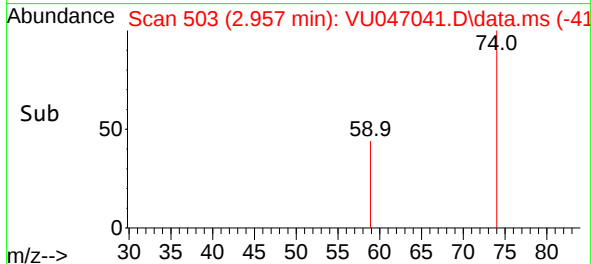
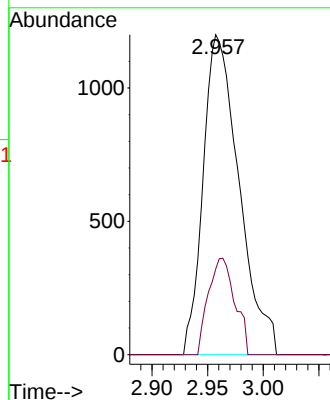
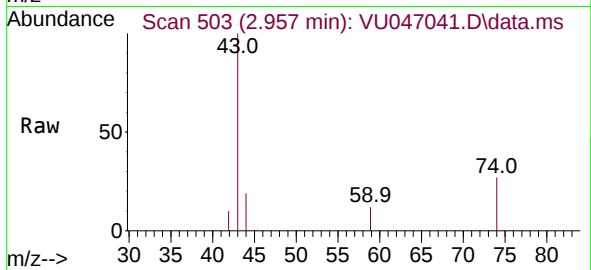




#15
Methyl Acetate
Concen: 0.931 ug/L
RT: 2.957 min Scan# 504
Delta R.T. -0.003 min
Lab File: VU047041.D
Acq: 04 Feb 2022 12:41

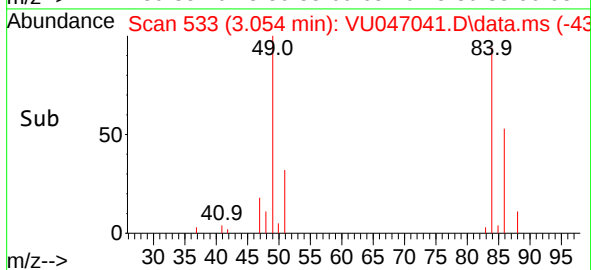
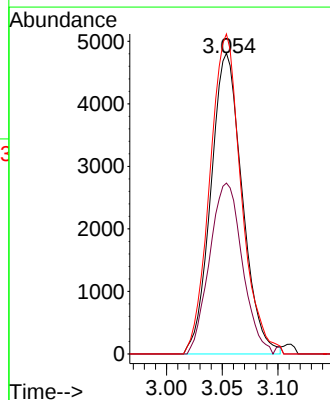
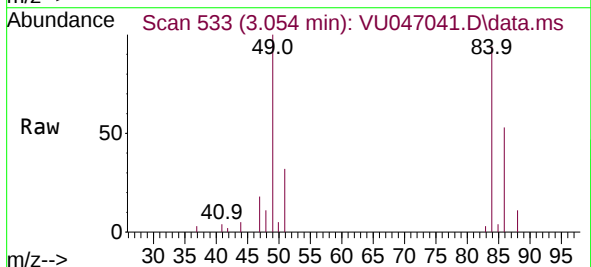
Instrument :
MSVOA_U
ClientSampleId :

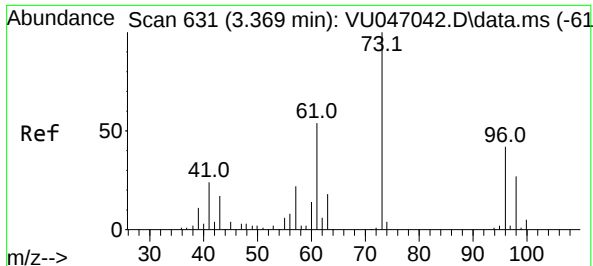
Tgt Ion: 43 Resp: 2690
Ion Ratio Lower Upper
43 100
74 22.2 21.0 31.4



#16
Methylene chloride
Concen: 1.376 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU047041.D
Acq: 04 Feb 2022 12:41

Tgt Ion: 84 Resp: 9434
Ion Ratio Lower Upper
84 100
86 56.8 45.1 83.7
49 106.4 76.4 141.8





#17

Methyl tert-butyl Ether

Concen: 0.969 ug/L

RT: 3.366 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU047041.D

Acq: 04 Feb 2022 12:41

Instrument :

MSVOA_U

ClientSampleId :

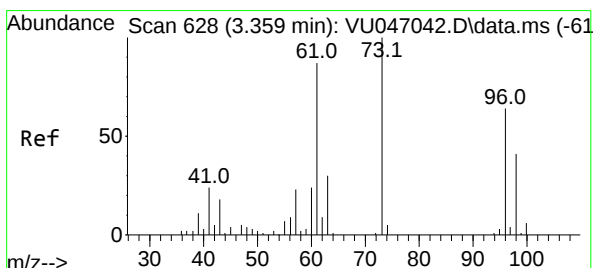
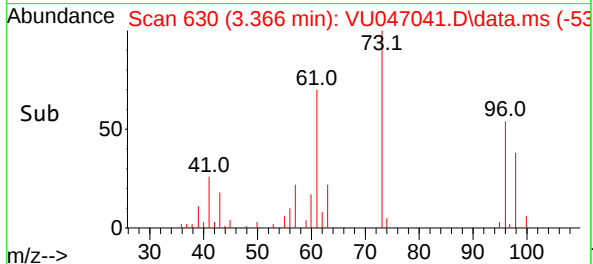
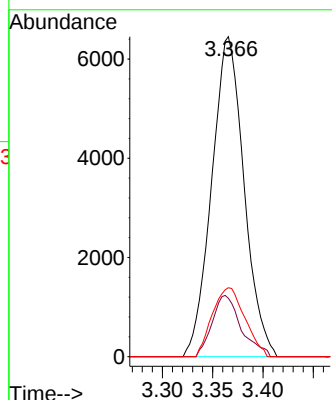
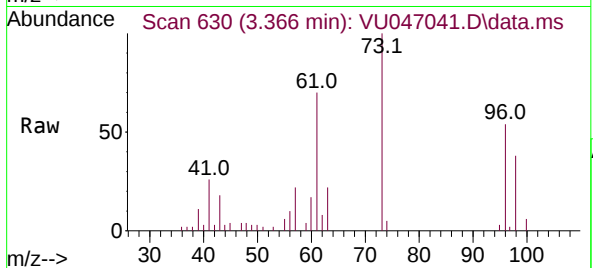
Tgt Ion: 73 Resp: 14436

Ion Ratio Lower Upper

73 100

43 17.2 13.9 20.9

57 21.6 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 1.190 ug/L

RT: 3.362 min Scan# 629

Delta R.T. 0.003 min

Lab File: VU047041.D

Acq: 04 Feb 2022 12:41

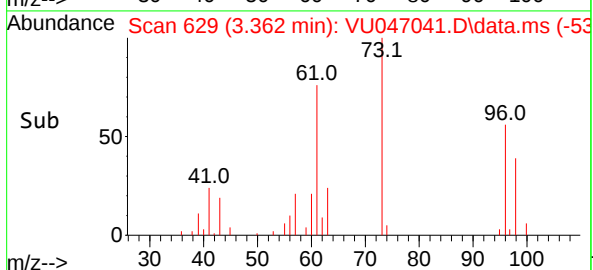
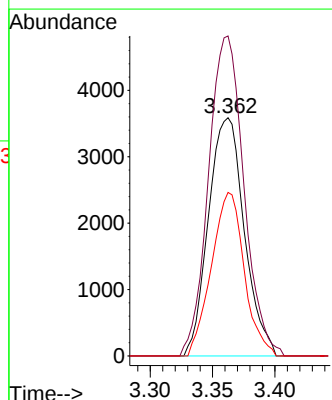
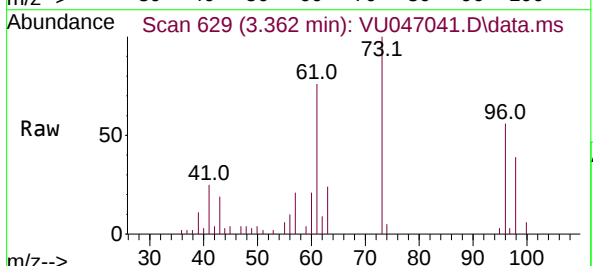
Tgt Ion: 96 Resp: 7188

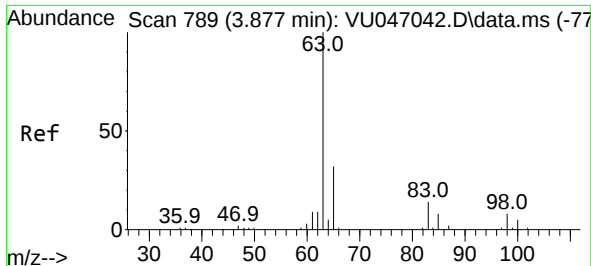
Ion Ratio Lower Upper

96 100

61 134.3 95.1 176.7

98 68.6 44.8 83.2





#19

1,1-Dichloroethane

Concen: 1.273 ug/L

RT: 3.877 min Scan# 789

Delta R.T. 0.000 min

Lab File: VU047041.D

Acq: 04 Feb 2022 12:41

Instrument :

MSVOA_U

ClientSampleId :

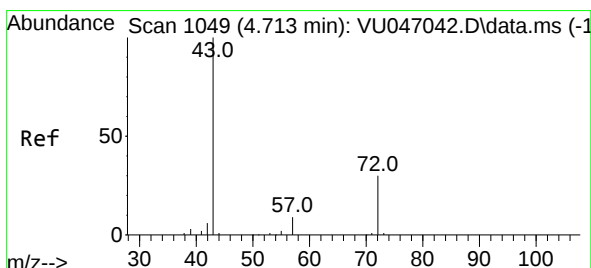
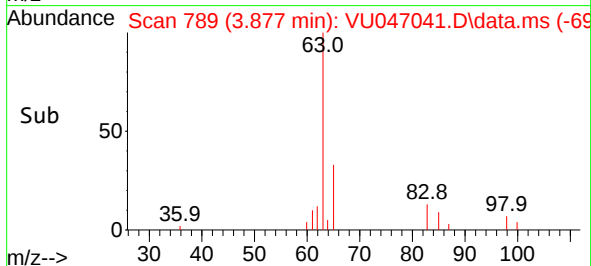
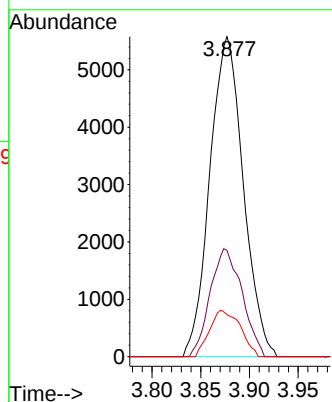
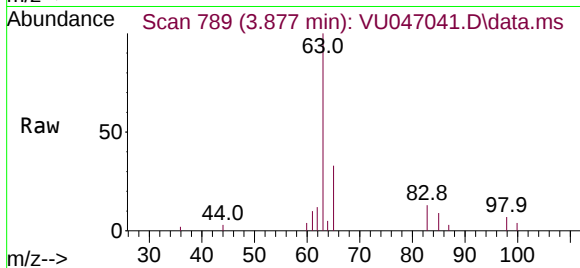
Tgt Ion: 63 Resp: 13326

Ion Ratio Lower Upper

63 100

65 33.3 22.7 42.1

83 13.2 9.7 17.9



#21

2-Butanone

Concen: 8.670 ug/L

RT: 4.710 min Scan# 1048

Delta R.T. -0.003 min

Lab File: VU047041.D

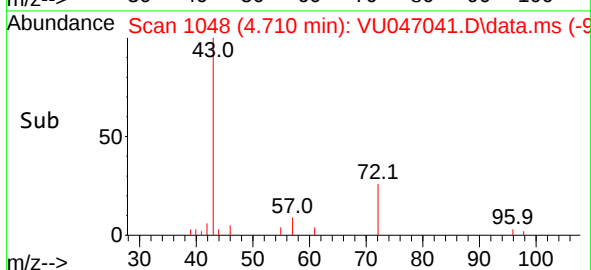
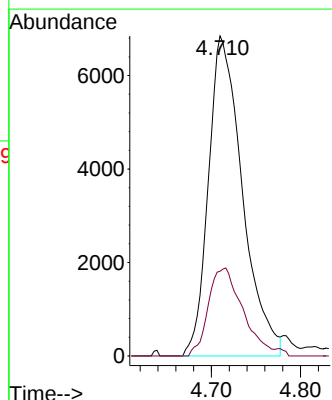
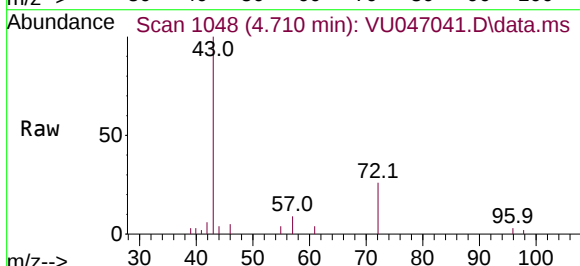
Acq: 04 Feb 2022 12:41

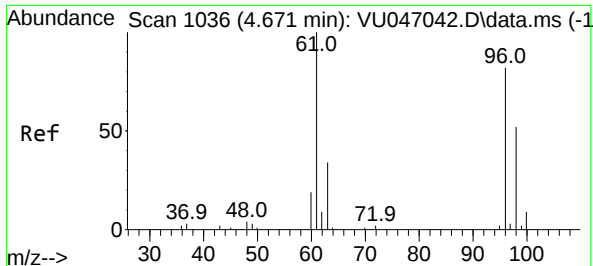
Tgt Ion: 43 Resp: 18113

Ion Ratio Lower Upper

43 100

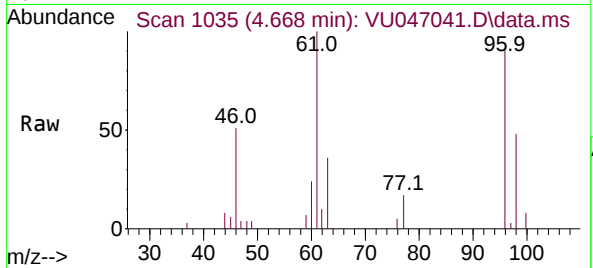
72 27.8 15.0 45.0



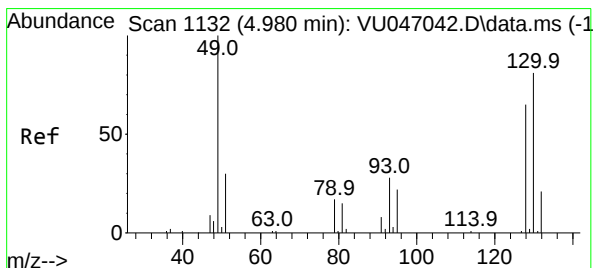
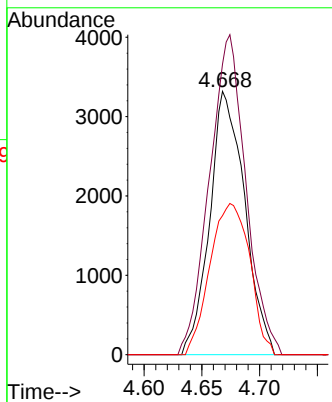
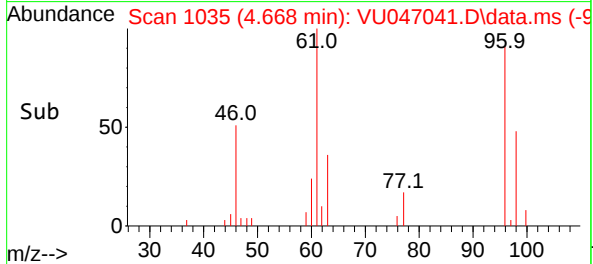


#22
 cis-1,2-Dichloroethene
 Concen: 1.092 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.003 min
 Lab File: VU047041.D
 Acq: 04 Feb 2022 12:41

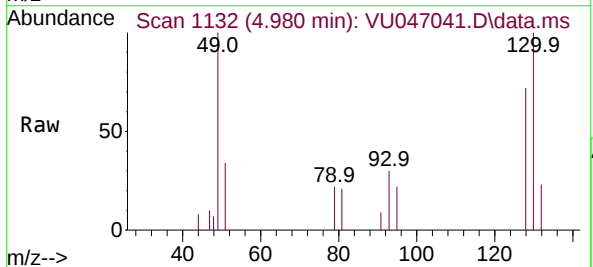
Instrument :
 MSVOA_U
 ClientSampleId :



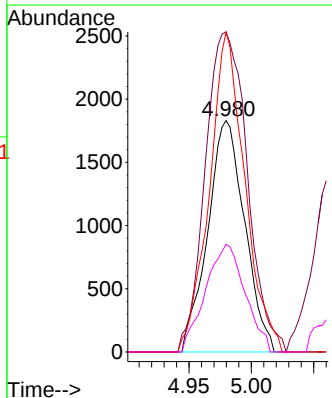
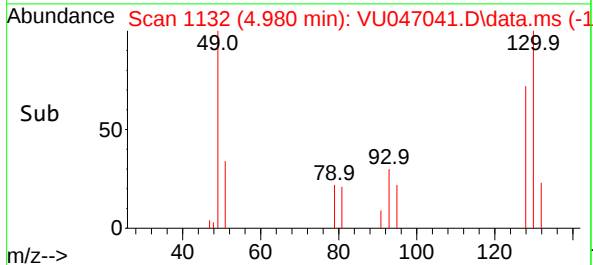
Tgt Ion: 96 Resp: 6990
 Ion Ratio Lower Upper
 96 100
 61 110.4 85.6 159.0
 98 52.8 44.7 83.1

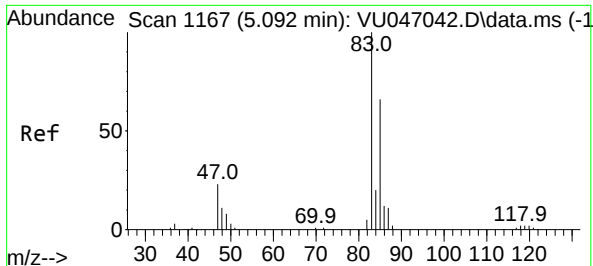


#23
 Bromochloromethane
 Concen: 1.209 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. 0.000 min
 Lab File: VU047041.D
 Acq: 04 Feb 2022 12:41



Tgt Ion: 128 Resp: 3774
 Ion Ratio Lower Upper
 128 100
 49 138.3 107.4 199.6
 130 138.2 87.3 162.1
 51 46.4 36.5 54.7





#25

Chloroform

Concen: 1.006 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU047041.D

Acq: 04 Feb 2022 12:41

Instrument :

MSVOA_U

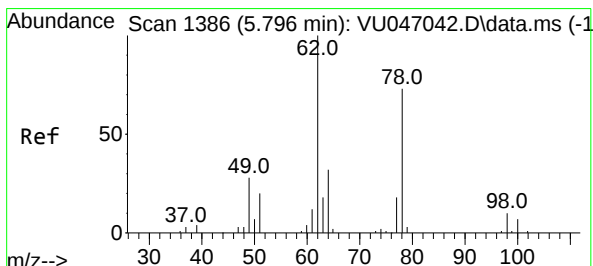
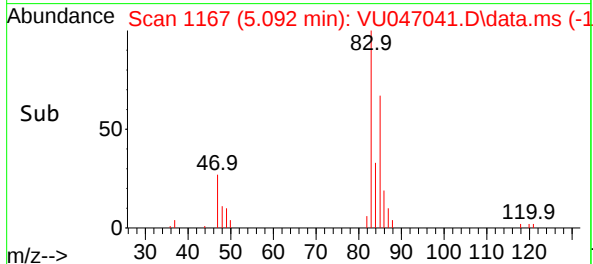
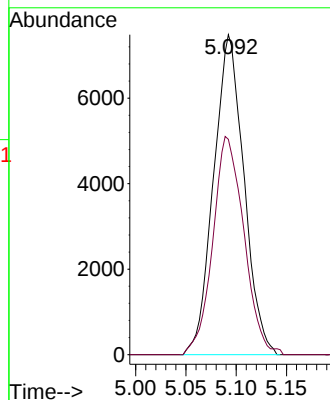
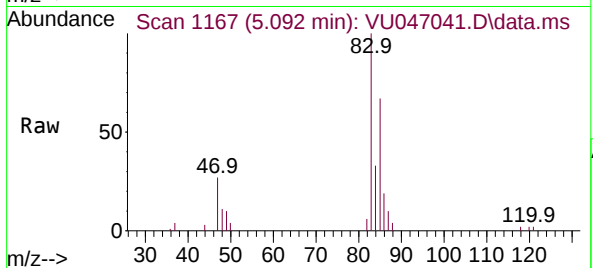
ClientSampleId :

Tgt Ion: 83 Resp: 15694

Ion Ratio Lower Upper

83 100

85 67.3 46.2 85.8



#27

1,2-Dichloroethane

Concen: 1.209 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU047041.D

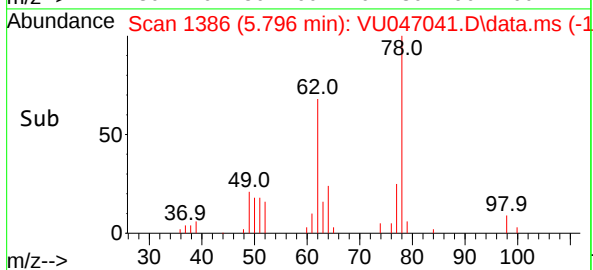
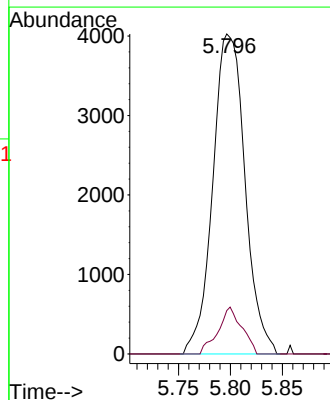
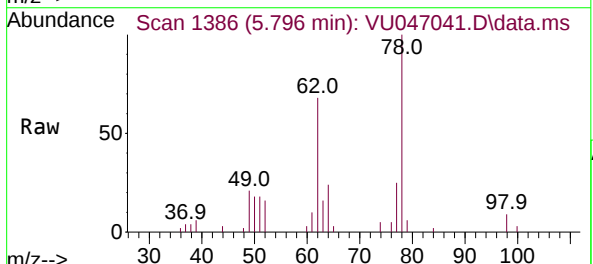
Acq: 04 Feb 2022 12:41

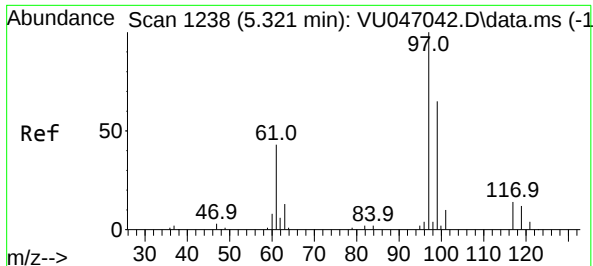
Tgt Ion: 62 Resp: 8678

Ion Ratio Lower Upper

62 100

98 13.6 8.0 12.0#





#29

1,1,1-Trichloroethane

Concen: 1.218 ug/L

RT: 5.321 min Scan# 1263

Delta R.T. 0.000 min

Lab File: VU047041.D

Acq: 04 Feb 2022 12:41

Instrument :

MSVOA_U

ClientSampleId :

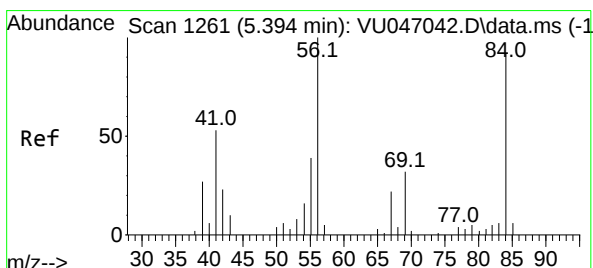
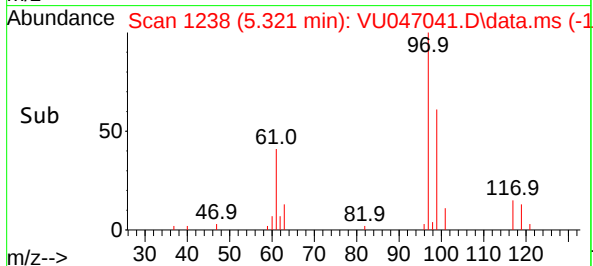
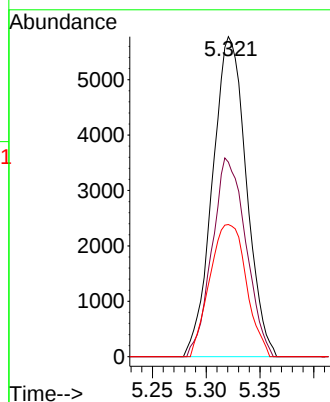
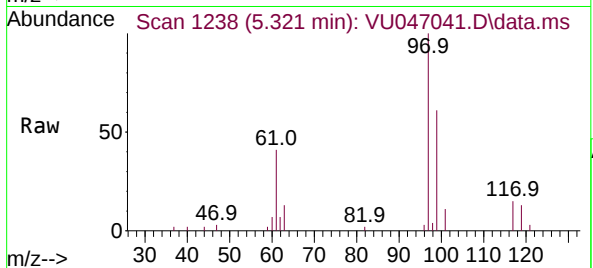
Tgt Ion: 97 Resp: 12632

Ion Ratio Lower Upper

97 100

99 62.1 51.5 77.3

61 44.7 34.6 52.0



#30

Cyclohexane

Concen: 0.867 ug/L

RT: 5.398 min Scan# 1262

Delta R.T. 0.003 min

Lab File: VU047041.D

Acq: 04 Feb 2022 12:41

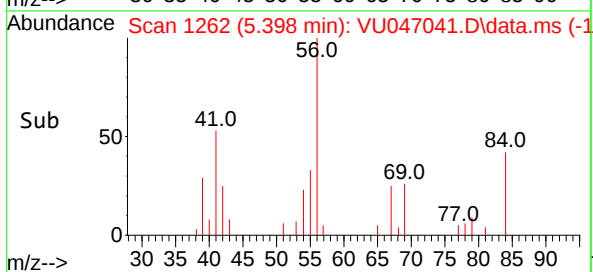
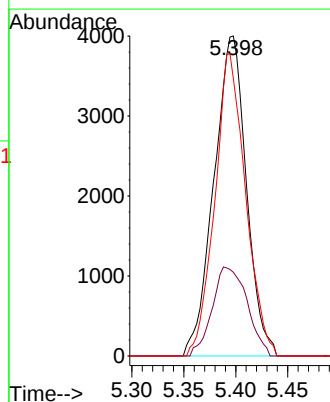
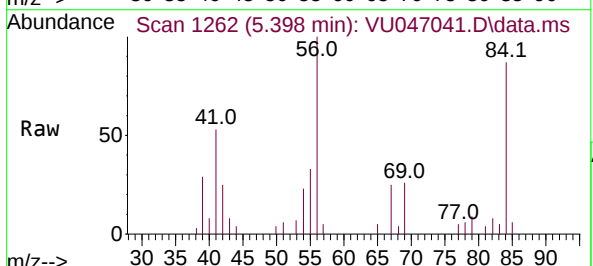
Tgt Ion: 56 Resp: 8691

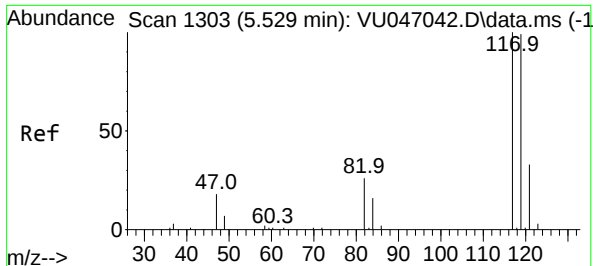
Ion Ratio Lower Upper

56 100

69 29.8 24.7 37.1

84 89.3 73.0 109.6

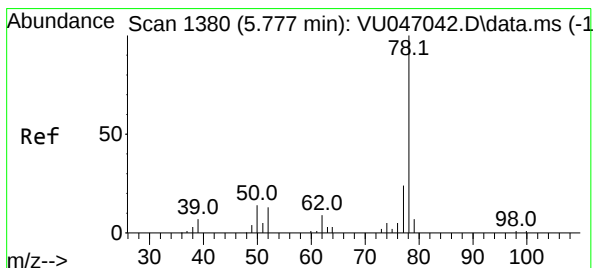
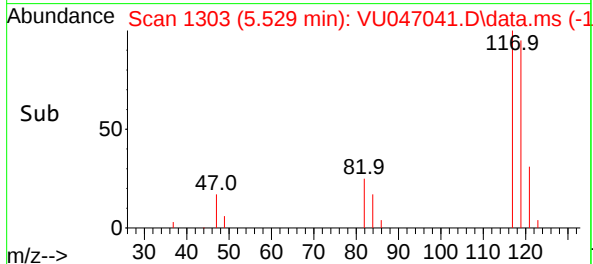
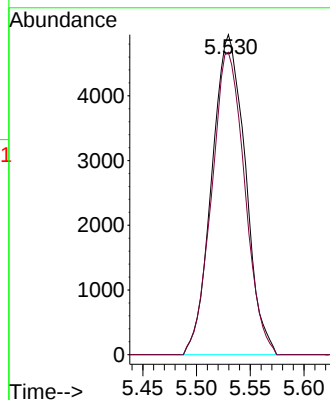
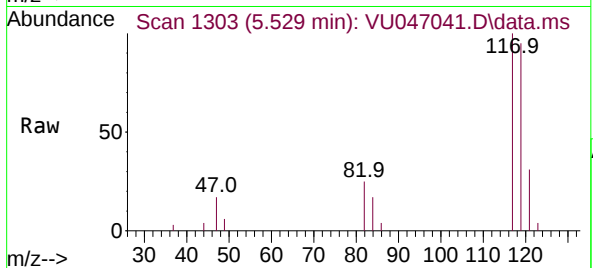




#31
Carbon tetrachloride
Concen: 1.201 ug/L
RT: 5.529 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VU047041.D
Acq: 04 Feb 2022 12:41

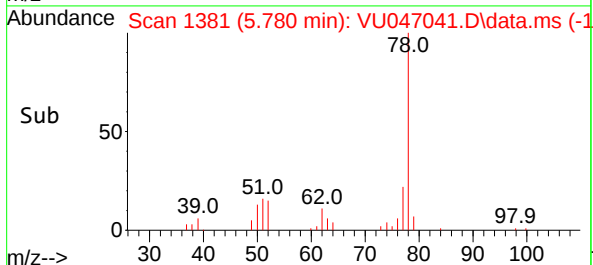
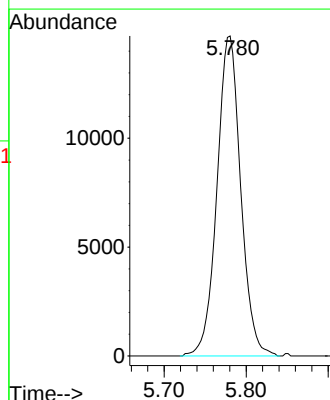
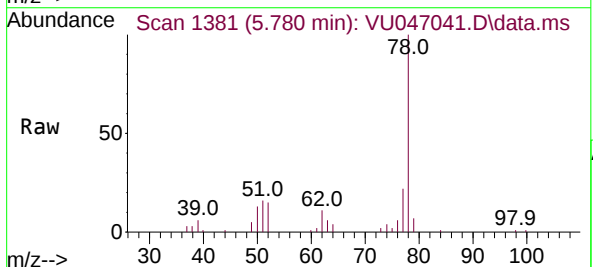
Instrument :
MSVOA_U
ClientSampleId :

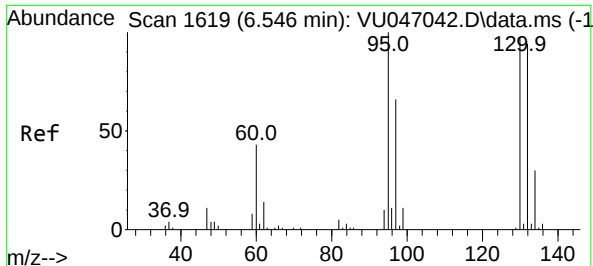
Tgt Ion:117 Resp: 10685
Ion Ratio Lower Upper
117 100
119 93.3 79.8 119.8



#33
Benzene
Concen: 1.098 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.003 min
Lab File: VU047041.D
Acq: 04 Feb 2022 12:41

Tgt Ion: 78 Resp: 29600



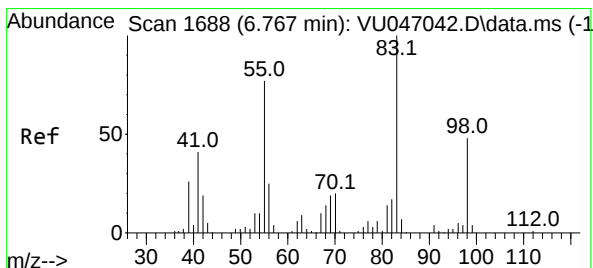
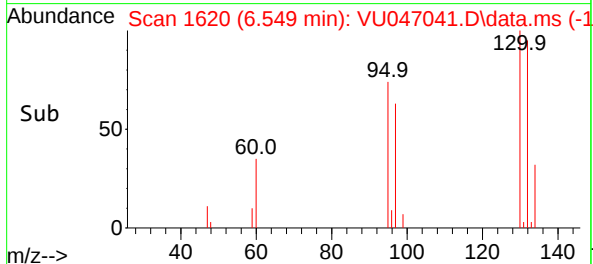
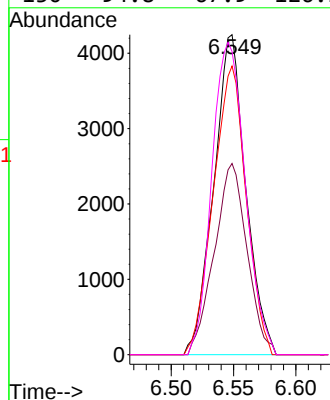
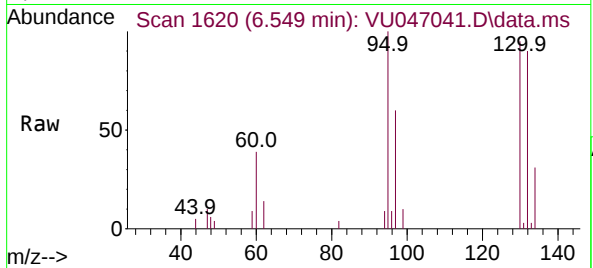


#34
Trichloroethene
Concen: 1.101 ug/L
RT: 6.549 min Scan# 1619
Delta R.T. 0.003 min
Lab File: VU047041.D
Acq: 04 Feb 2022 12:41

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 7608

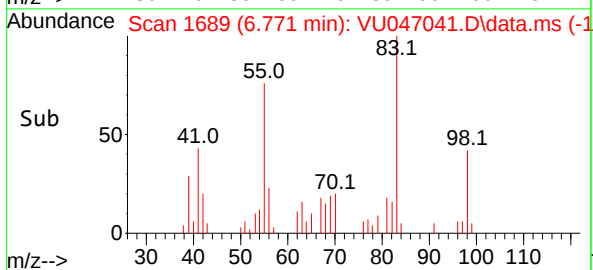
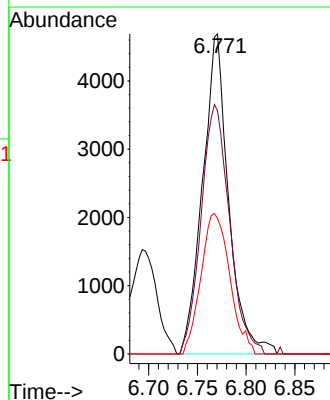
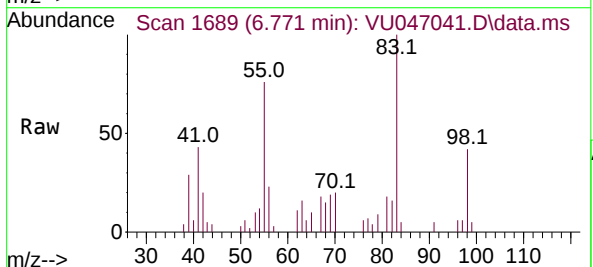
Ion	Ratio	Lower	Upper
95	100		
97	59.8	46.1	85.5
132	90.2	65.9	122.5
130	94.8	67.9	126.1

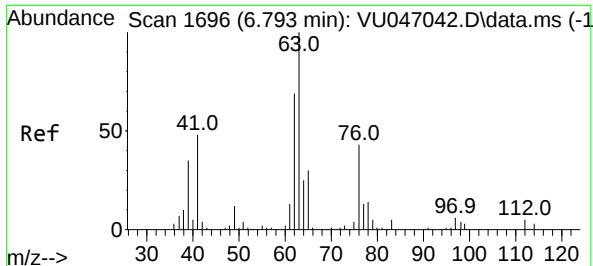


#35
Methylcyclohexane
Concen: 0.777 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.003 min
Lab File: VU047041.D
Acq: 04 Feb 2022 12:41

Tgt Ion: 83 Resp: 8696

Ion	Ratio	Lower	Upper
83	100		
55	85.3	61.2	91.8
98	48.7	39.3	58.9





#37

1,2-Dichloropropane

Concen: 1.110 ug/L

RT: 6.796 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU047041.D

Acq: 04 Feb 2022 12:41

Instrument :

MSVOA_U

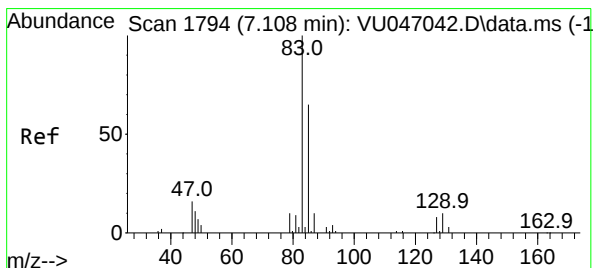
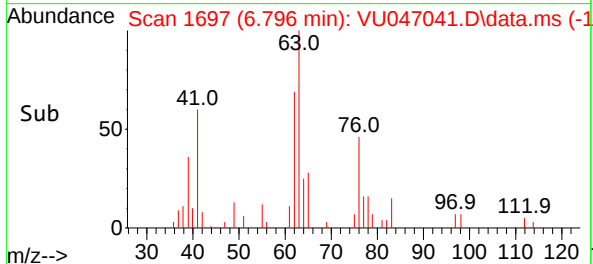
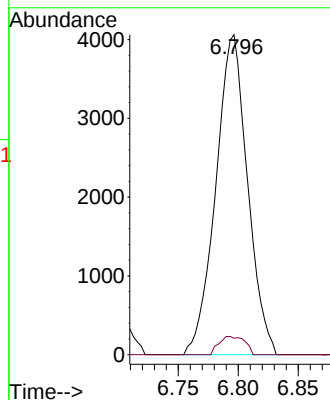
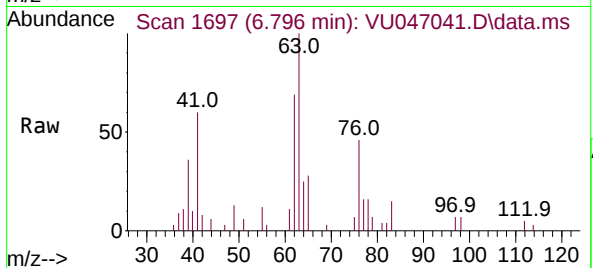
ClientSampleId :

Tgt Ion: 63 Resp: 7485

Ion Ratio Lower Upper

63 100

112 4.6 4.0 6.0



#38

Bromodichloromethane

Concen: 1.125 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.003 min

Lab File: VU047041.D

Acq: 04 Feb 2022 12:41

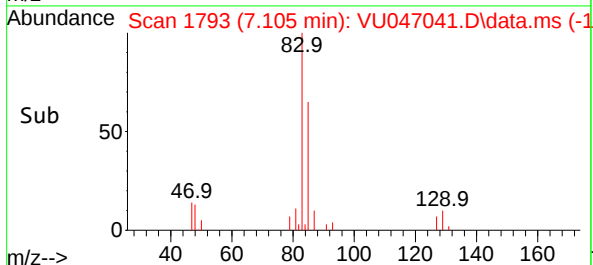
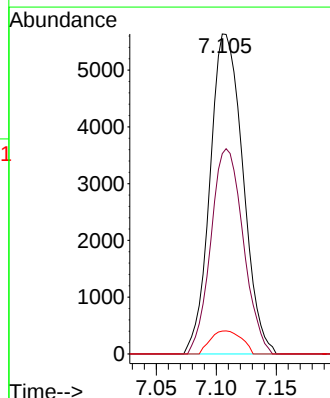
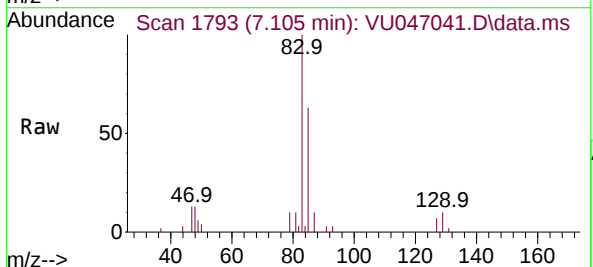
Tgt Ion: 83 Resp: 10739

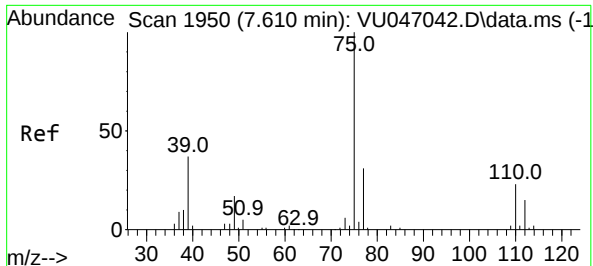
Ion Ratio Lower Upper

83 100

85 62.6 45.3 84.1

127 7.1 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 0.932 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU047041.D

Acq: 04 Feb 2022 12:41

Instrument :

MSVOA_U

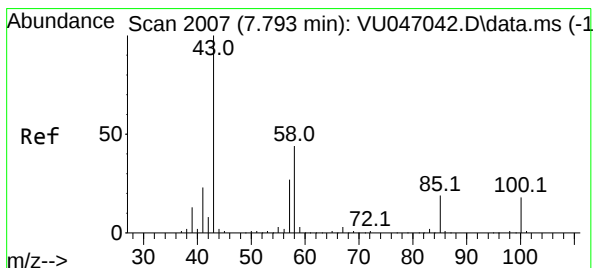
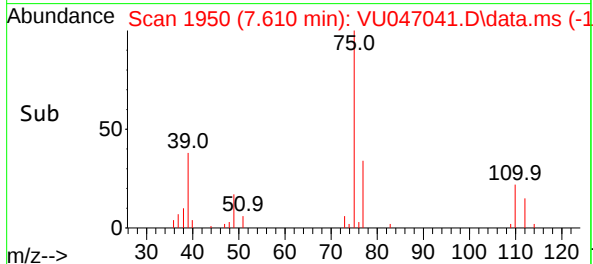
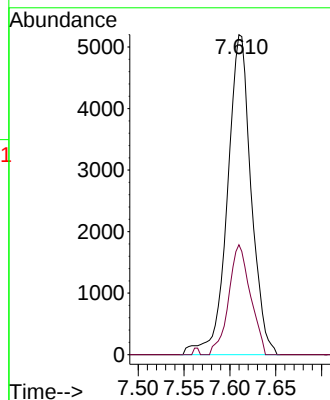
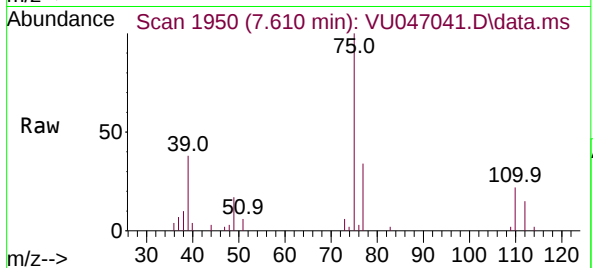
ClientSampleId :

Tgt Ion: 75 Resp: 9330

Ion Ratio Lower Upper

75 100

77 34.4 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 7.744 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU047041.D

Acq: 04 Feb 2022 12:41

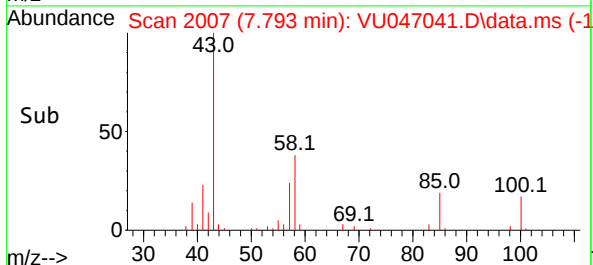
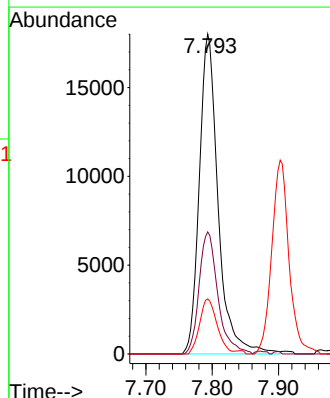
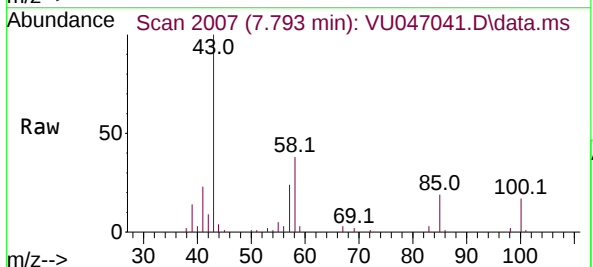
Tgt Ion: 43 Resp: 35433

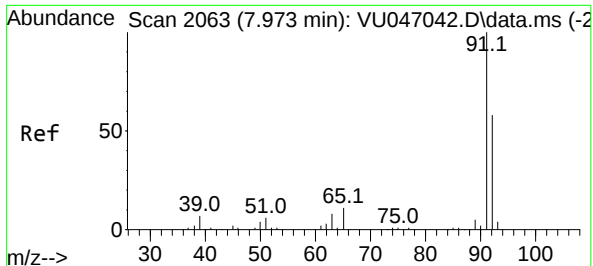
Ion Ratio Lower Upper

43 100

58 38.1 34.0 51.0

100 15.9 14.1 21.1





#42

Toluene

Concen: 0.871 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU047041.D

Acq: 04 Feb 2022 12:41

Instrument :

MSVOA_U

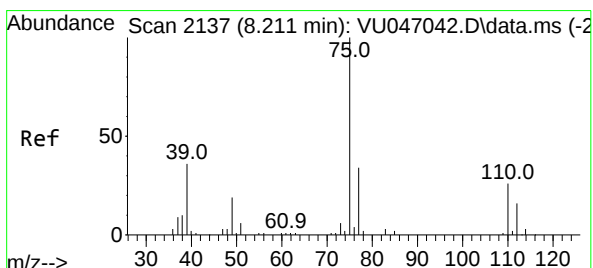
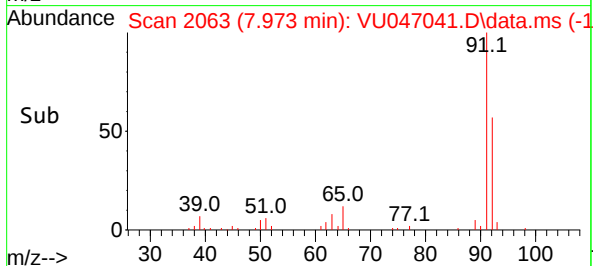
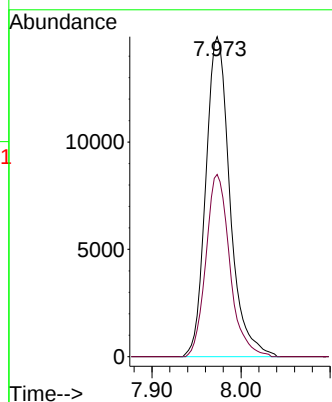
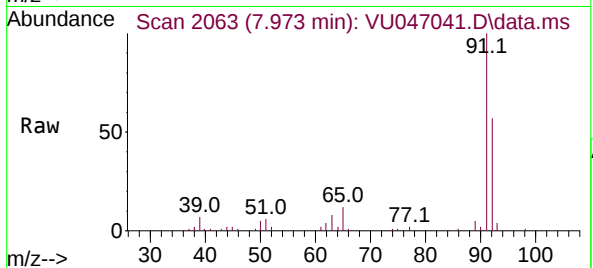
ClientSampleId :

Tgt Ion: 91 Resp: 28038

Ion Ratio Lower Upper

91 100

92 56.9 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 0.936 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU047041.D

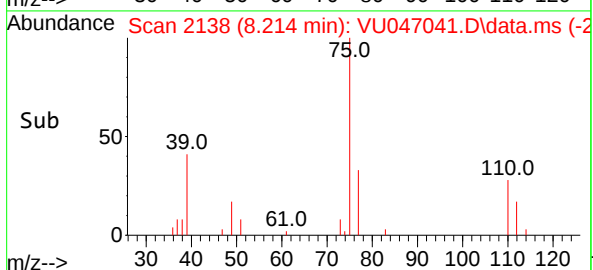
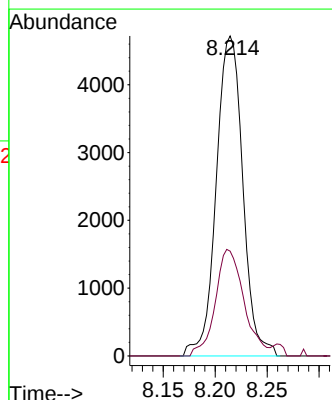
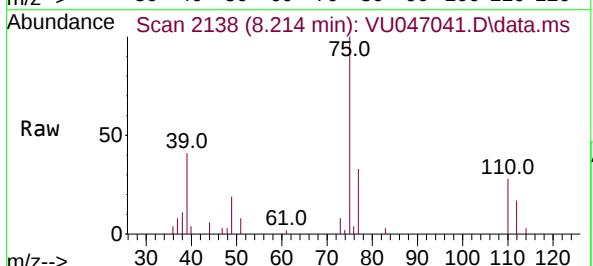
Acq: 04 Feb 2022 12:41

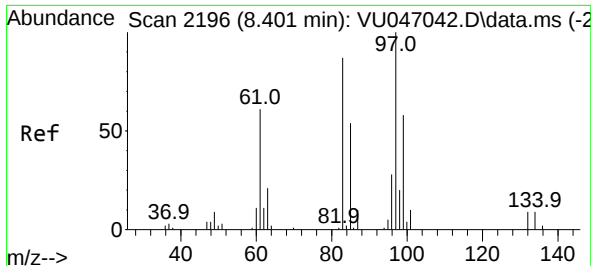
Tgt Ion: 75 Resp: 8385

Ion Ratio Lower Upper

75 100

77 32.7 23.7 43.9



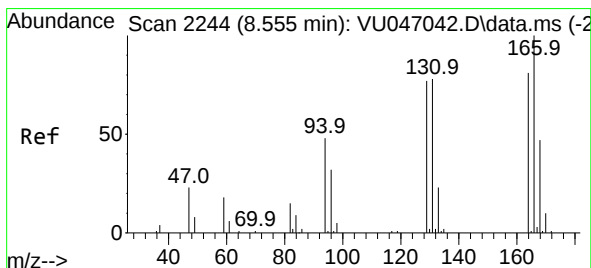
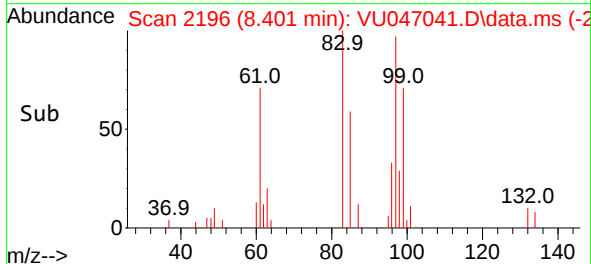
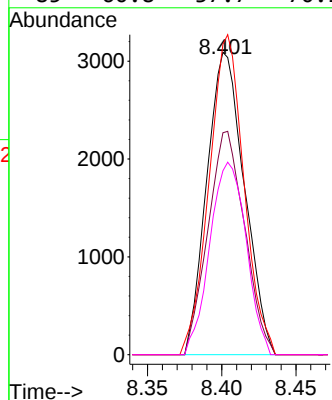
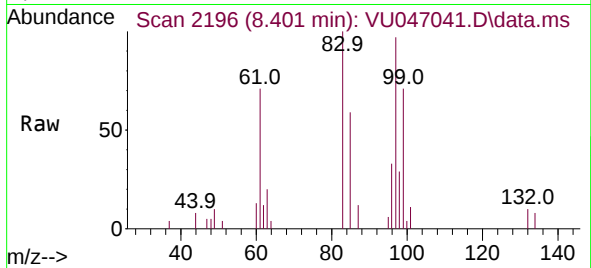


#45
1,1,2-Trichloroethane
Concen: 0.974 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU047041.D
Acq: 04 Feb 2022 12:41

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 5430

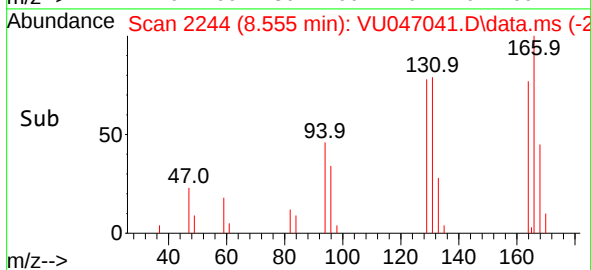
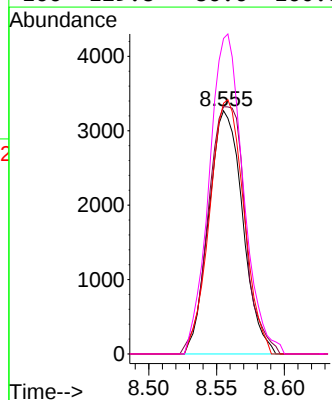
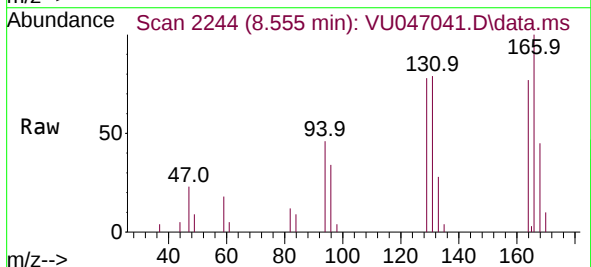
Ion	Ratio	Lower	Upper
97	100		
99	73.4	40.4	75.0
83	102.7	60.6	112.6
85	60.8	37.7	70.1

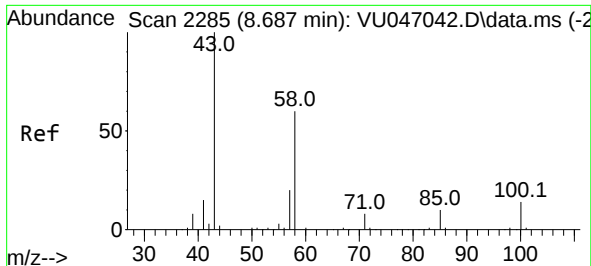


#47
Tetrachloroethene
Concen: 1.023 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047041.D
Acq: 04 Feb 2022 12:41

Tgt Ion: 164 Resp: 5708

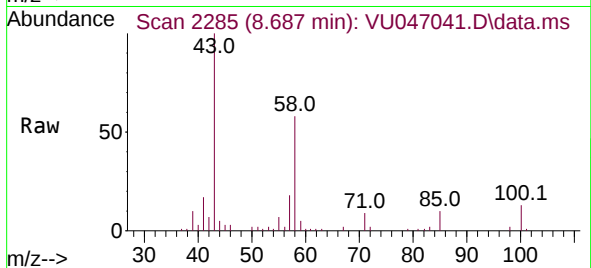
Ion	Ratio	Lower	Upper
164	100		
129	101.7	66.5	123.5
131	103.1	67.5	125.4
166	129.8	86.6	160.8



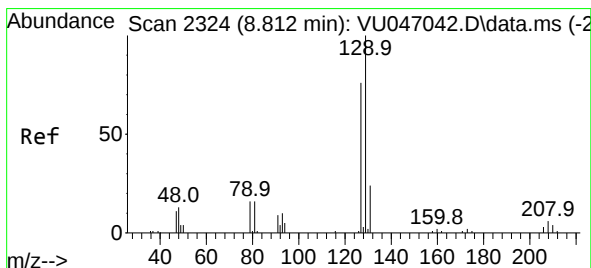
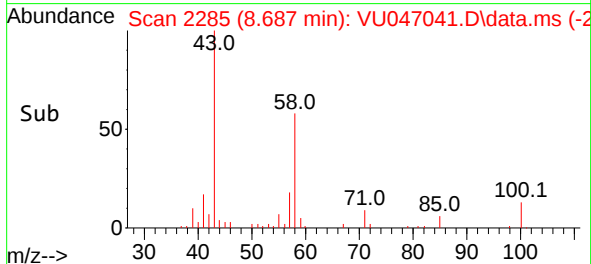
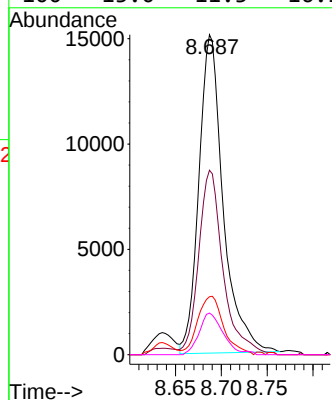


#48
2-Hexanone
Concen: 7.944 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047041.D
Acq: 04 Feb 2022 12:41

Instrument :
MSVOA_U
ClientSampleId :

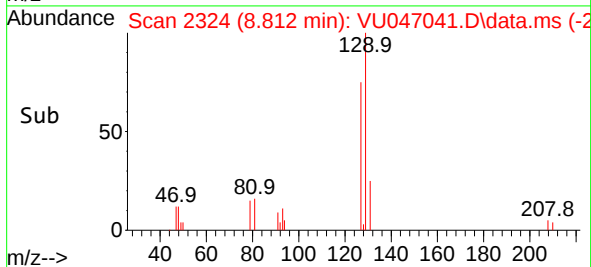
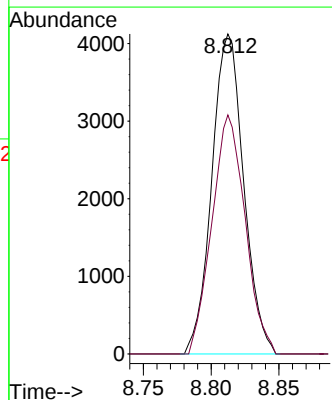
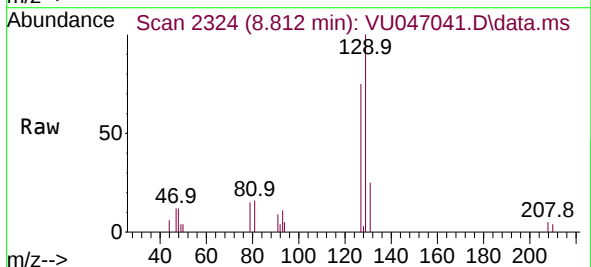


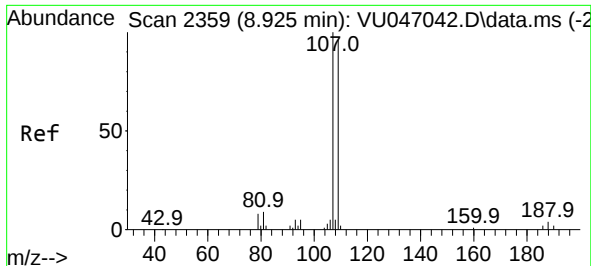
Tgt Ion: 43	Resp: 27870
Ion Ratio	Lower Upper
43 100	
58 58.3	47.8 71.6
57 19.6	16.2 24.4
100 13.0	11.3 16.9



#49
Dibromochloromethane
Concen: 1.033 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU047041.D
Acq: 04 Feb 2022 12:41

Tgt Ion:129	Resp: 6749		
Ion Ratio	Lower	Upper	
129 100			
127 74.7	53.4	99.2	





#50

1,2-Dibromoethane

Concen: 0.959 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047041.D

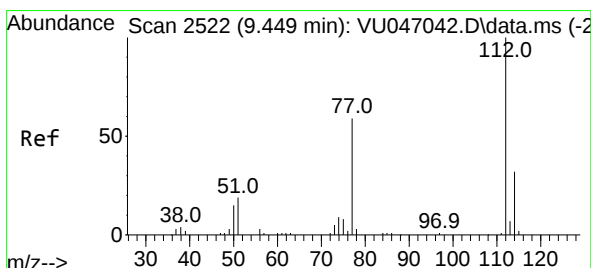
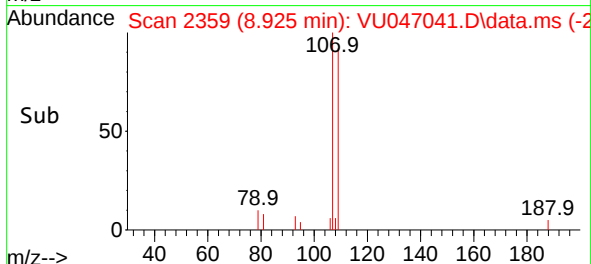
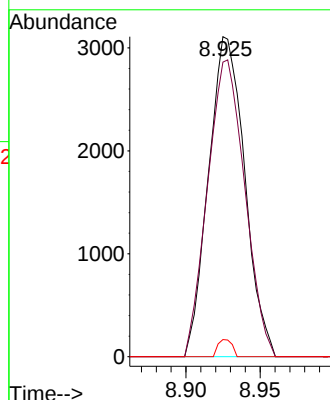
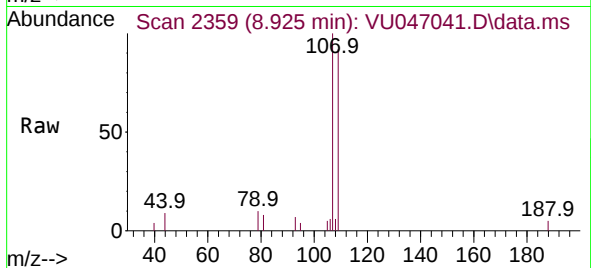
Acq: 04 Feb 2022 12:41

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	5270
Ion	Ratio	Lower Upper
107	100	
109	92.1	67.4 125.2
188	5.3	3.0 4.6#



#51

Chlorobenzene

Concen: 1.077 ug/L

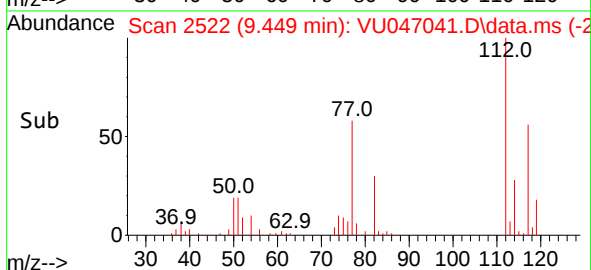
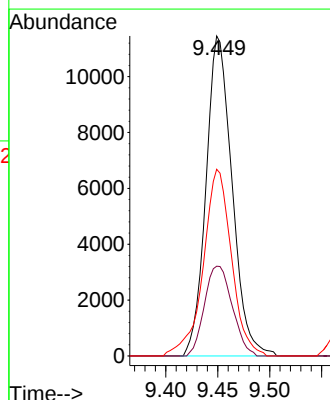
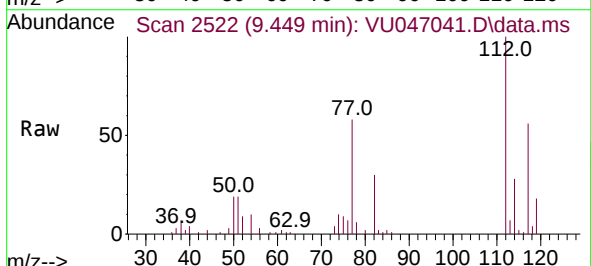
RT: 9.449 min Scan# 2522

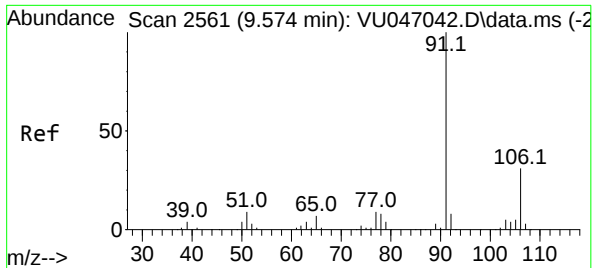
Delta R.T. 0.000 min

Lab File: VU047041.D

Acq: 04 Feb 2022 12:41

Tgt Ion:112	Resp:	20013
Ion	Ratio	Lower Upper
112	100	
114	28.0	22.6 42.0
77	58.4	47.3 70.9





#52

Ethylbenzene

Concen: 0.896 ug/L

RT: 9.574 min Scan# 2561

Delta R.T. 0.000 min

Lab File: VU047041.D

Acq: 04 Feb 2022 12:41

Instrument :

MSVOA_U

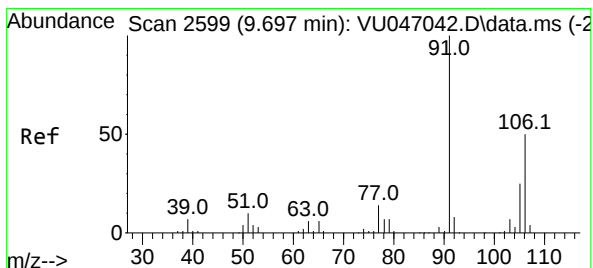
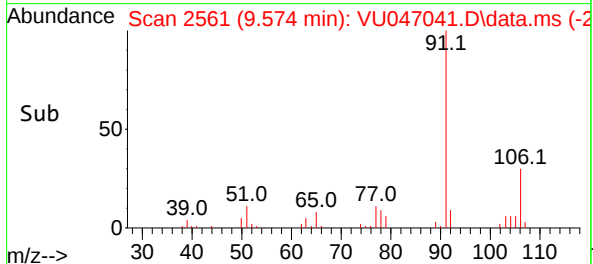
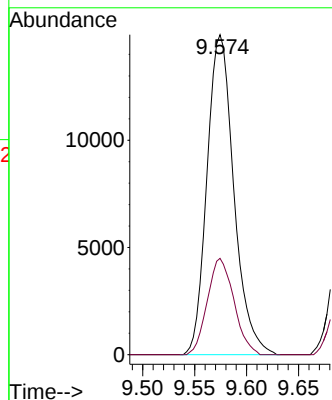
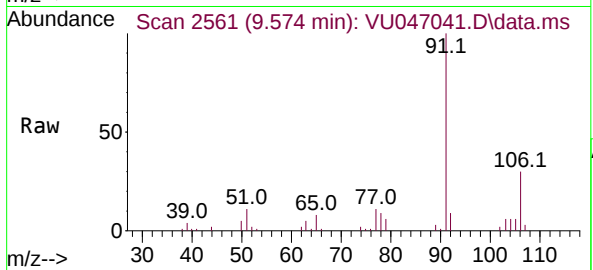
ClientSampleId :

Tgt Ion: 91 Resp: 26829

Ion Ratio Lower Upper

91 100

106 30.1 22.0 40.8



#53

m,p-Xylene

Concen: 0.818 ug/L

RT: 9.697 min Scan# 2599

Delta R.T. 0.000 min

Lab File: VU047041.D

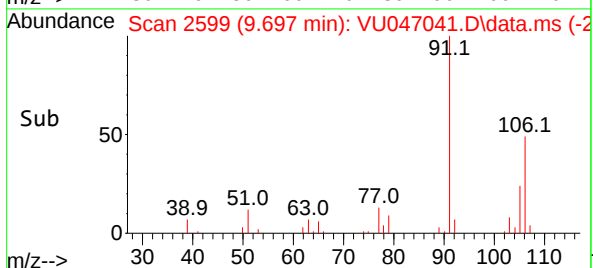
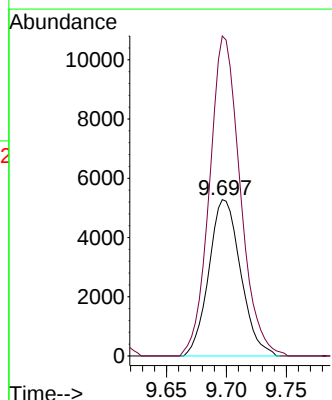
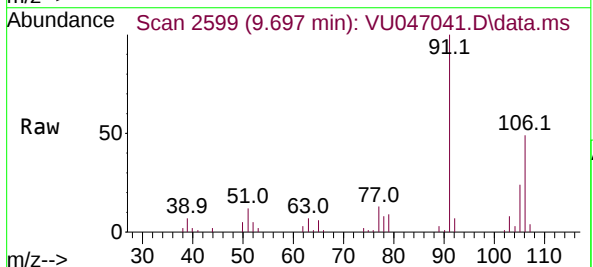
Acq: 04 Feb 2022 12:41

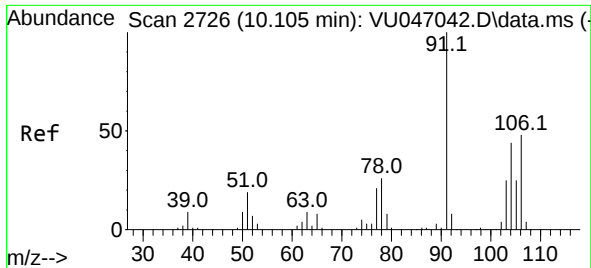
Tgt Ion:106 Resp: 9729

Ion Ratio Lower Upper

106 100

91 204.6 140.3 260.5

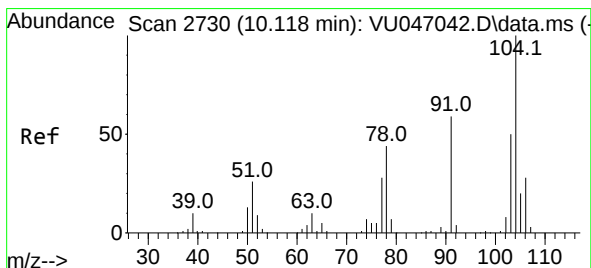
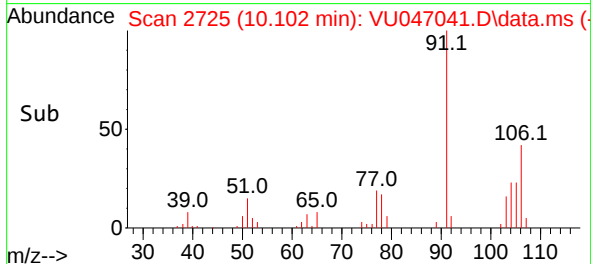
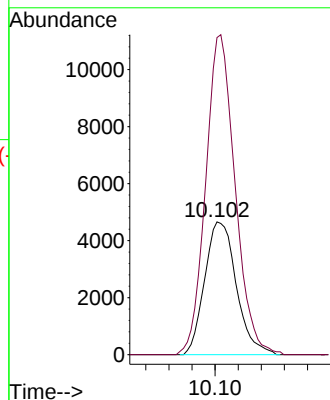
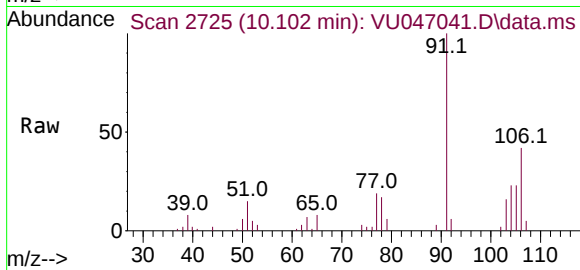




#54
o-Xylene
Concen: 0.767 ug/L
RT: 10.102 min Scan# 2726
Delta R.T. -0.003 min
Lab File: VU047041.D
Acq: 04 Feb 2022 12:41

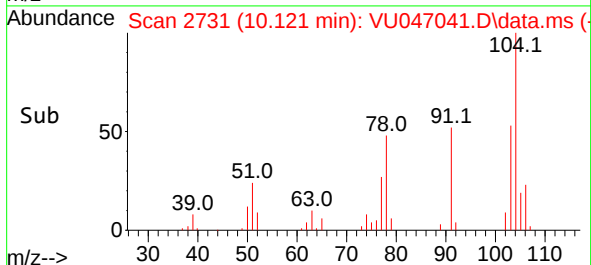
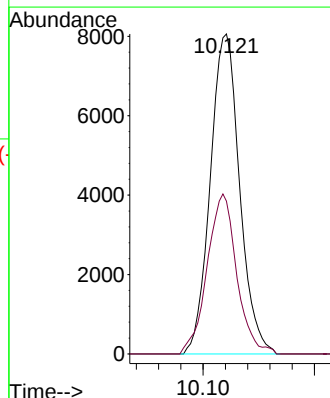
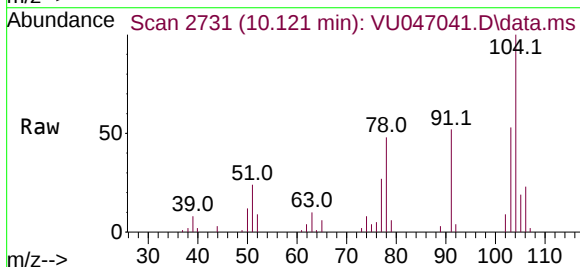
Instrument :
MSVOA_U
ClientSampleId :

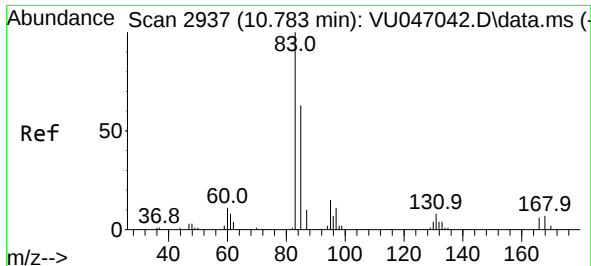
Tgt Ion:106 Resp: 8863
Ion Ratio Lower Upper
106 100
91 238.8 146.5 272.1



#55
Styrene
Concen: 0.772 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.003 min
Lab File: VU047041.D
Acq: 04 Feb 2022 12:41

Tgt Ion:104 Resp: 14756
Ion Ratio Lower Upper
104 100
78 47.8 30.7 57.1





#57

1,1,2,2-Tetrachloroethane

Concen: 0.990 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

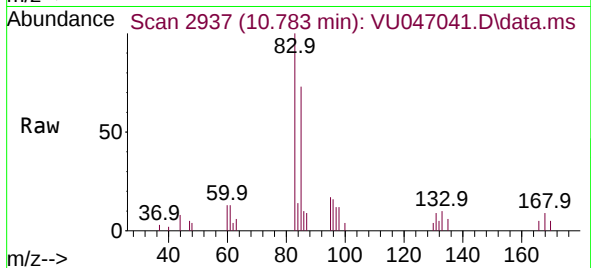
Lab File: VU047041.D

Acq: 04 Feb 2022 12:41

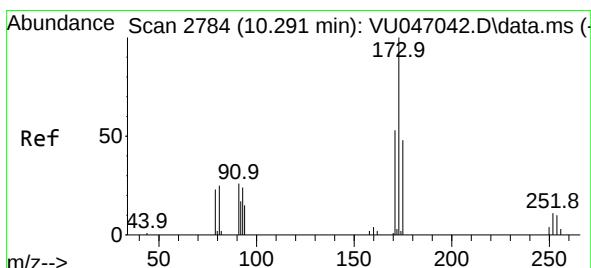
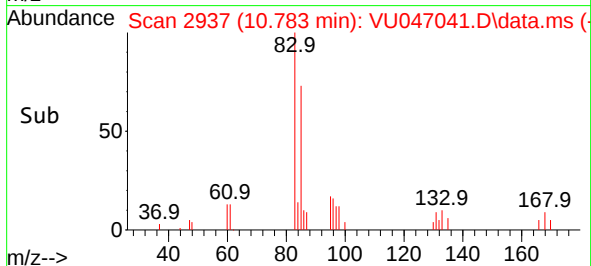
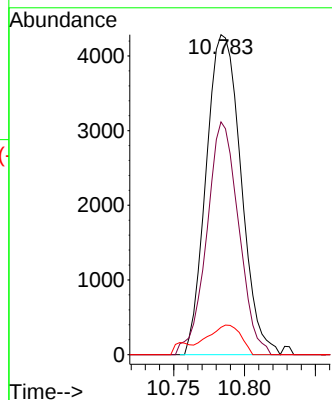
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	83	Resp:	7315
Ion	Ratio	Lower	Upper
83	100		
85	72.7	44.6	82.8
131	8.6	7.4	11.0



#59

Bromoform

Concen: 1.081 ug/L

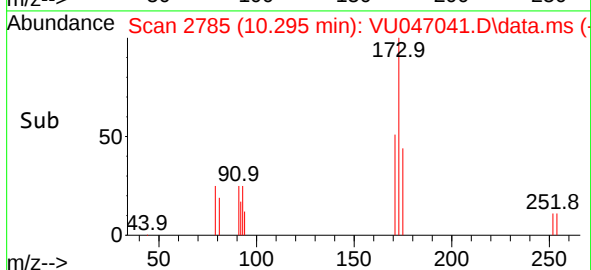
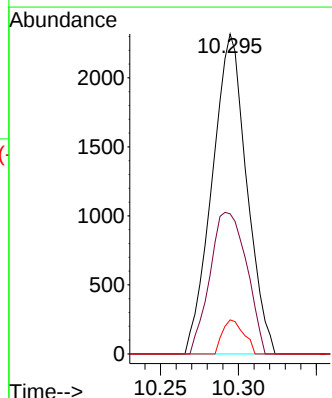
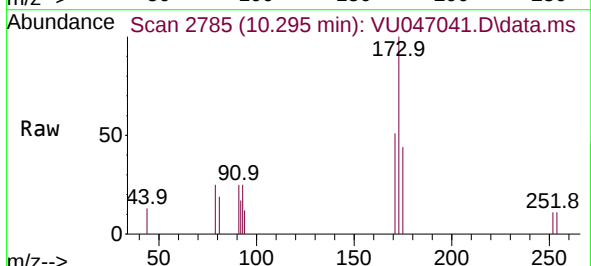
RT: 10.295 min Scan# 2785

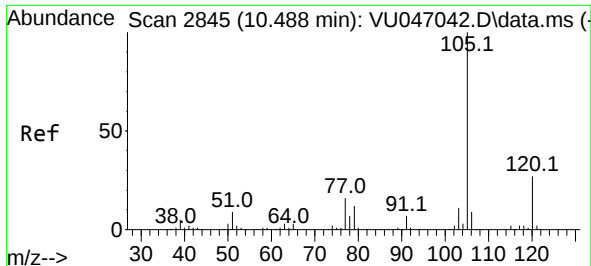
Delta R.T. 0.003 min

Lab File: VU047041.D

Acq: 04 Feb 2022 12:41

Tgt Ion:	173	Resp:	3559
Ion	Ratio	Lower	Upper
173	100		
175	47.0	38.8	58.2
254	6.6	7.2	10.8

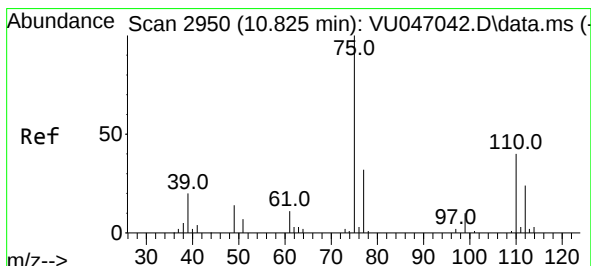
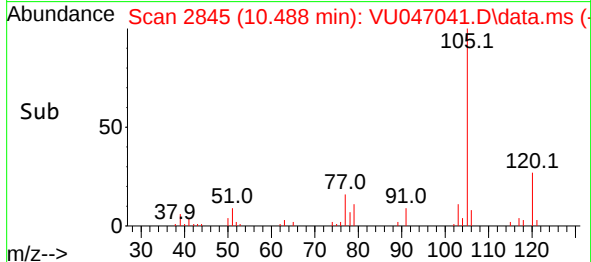
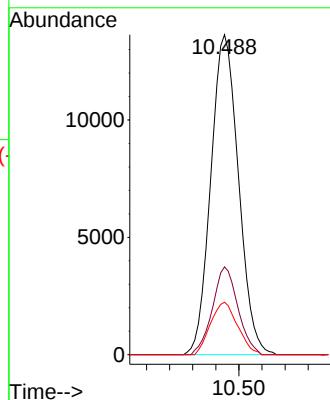
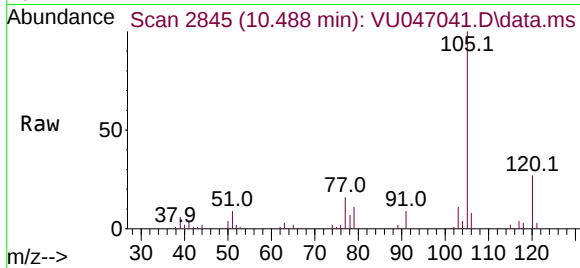




#60
Isopropylbenzene
Concen: 0.895 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU047041.D
Acq: 04 Feb 2022 12:41

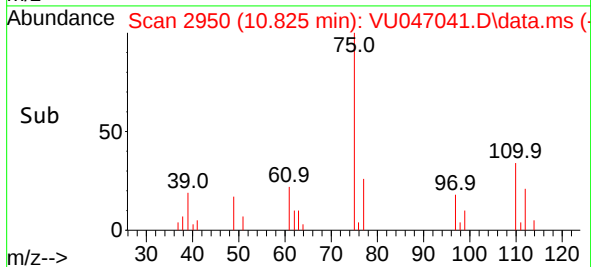
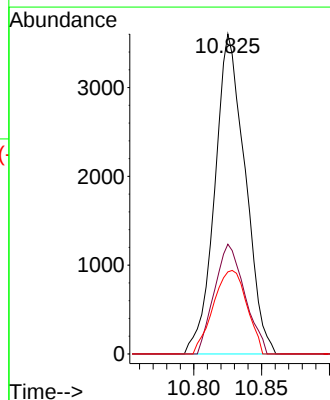
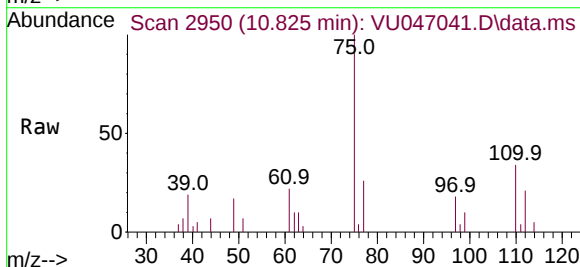
Instrument :
MSVOA_U
ClientSampleId :

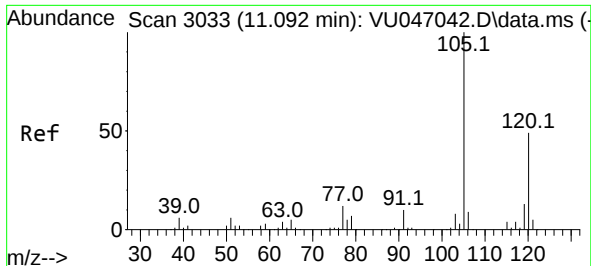
Tgt Ion:105 Resp: 22679
Ion Ratio Lower Upper
105 100
120 25.3 21.0 31.6
77 16.0 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 1.211 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU047041.D
Acq: 04 Feb 2022 12:41

Tgt Ion: 75 Resp: 5596
Ion Ratio Lower Upper
75 100
110 34.3 31.7 47.5
77 28.9 26.1 39.1





#62

1,3,5-Trimethylbenzene

Concen: 0.803 ug/L

RT: 11.092 min Scan# 3033

Delta R.T. 0.000 min

Lab File: VU047041.D

Acq: 04 Feb 2022 12:41

Instrument :

MSVOA_U

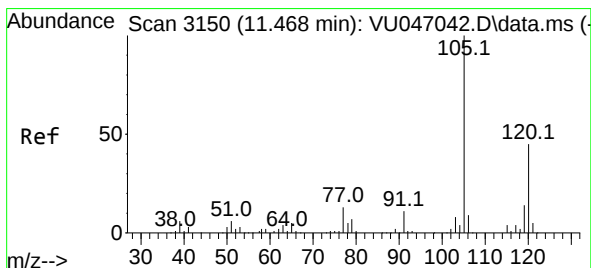
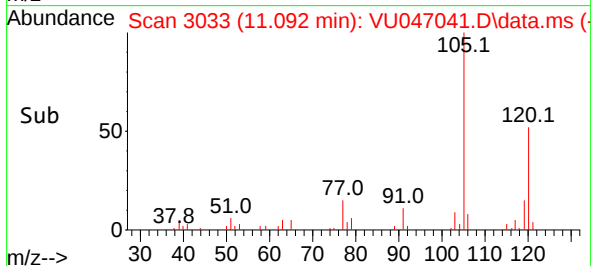
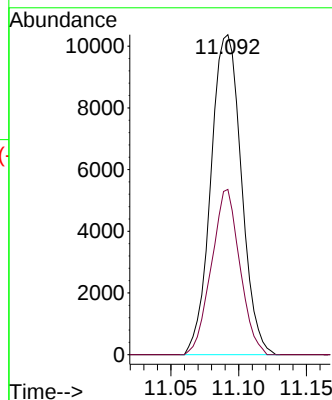
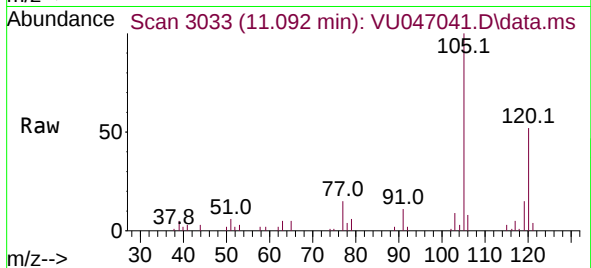
ClientSampleId :

Tgt Ion:105 Resp: 16241

Ion Ratio Lower Upper

105 100

120 48.1 39.4 59.0



#63

1,2,4-Trimethylbenzene

Concen: 0.779 ug/L

RT: 11.471 min Scan# 3151

Delta R.T. 0.003 min

Lab File: VU047041.D

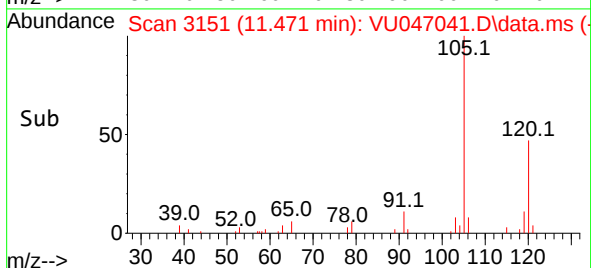
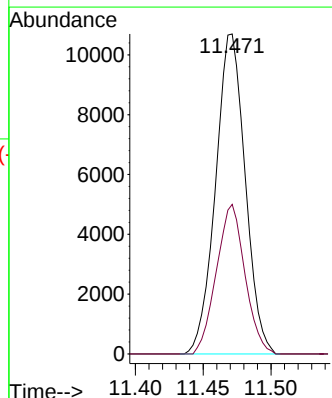
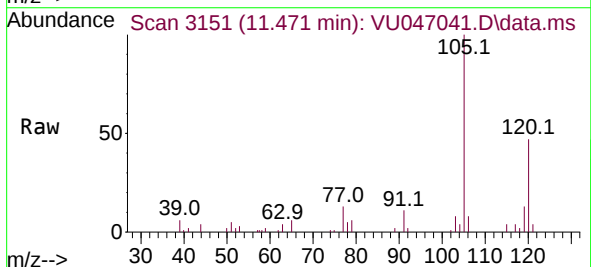
Acq: 04 Feb 2022 12:41

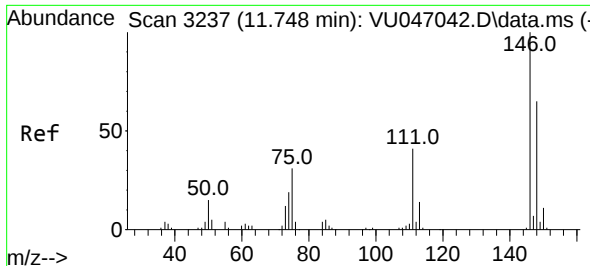
Tgt Ion:105 Resp: 16248

Ion Ratio Lower Upper

105 100

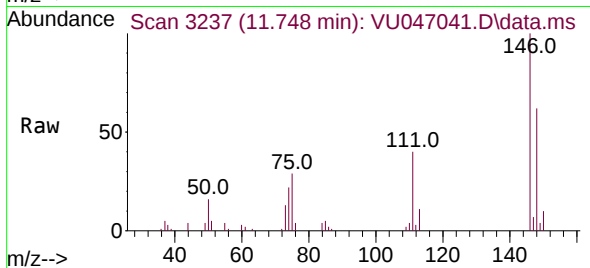
120 45.0 36.1 54.1



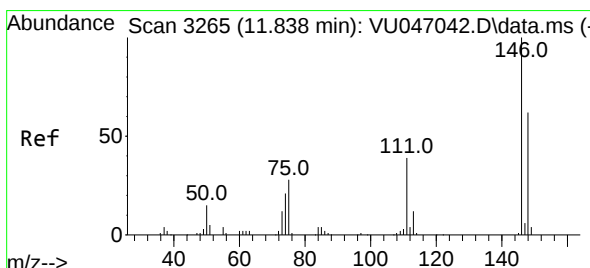
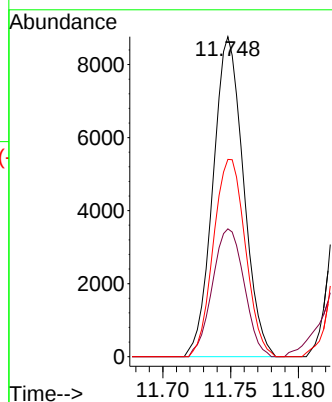
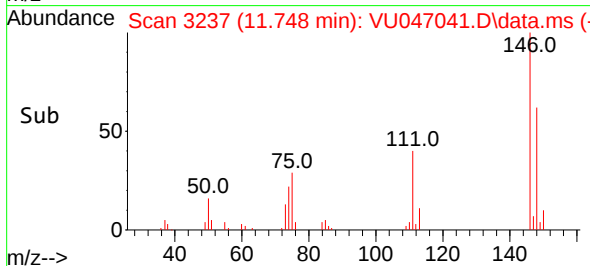


#64
1,3-Dichlorobenzene
Concen: 1.063 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047041.D
Acq: 04 Feb 2022 12:41

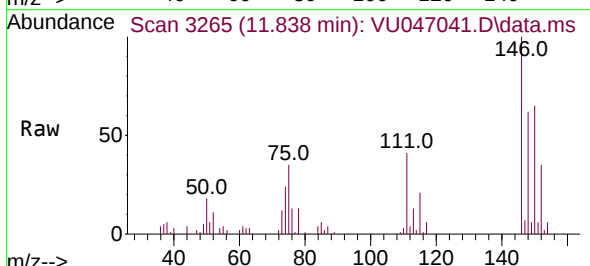
Instrument :
MSVOA_U
ClientSampleId :



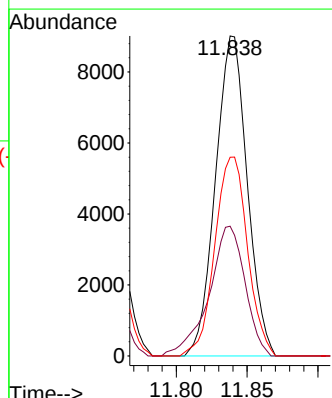
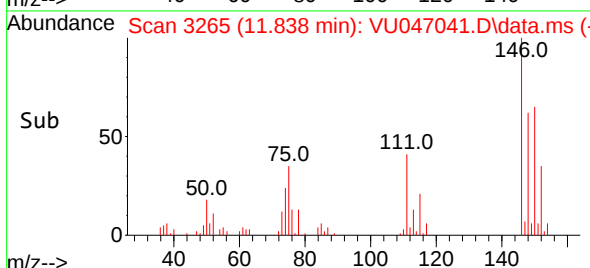
Tgt Ion:146 Resp: 13684
Ion Ratio Lower Upper
146 100
111 40.0 28.6 53.0
148 61.7 45.5 84.5

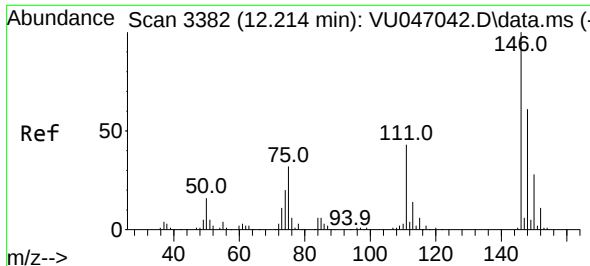


#65
1,4-Dichlorobenzene
Concen: 1.076 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047041.D
Acq: 04 Feb 2022 12:41



Tgt Ion:146 Resp: 14069
Ion Ratio Lower Upper
146 100
111 40.5 27.5 51.1
148 62.1 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 1.051 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. 0.000 min

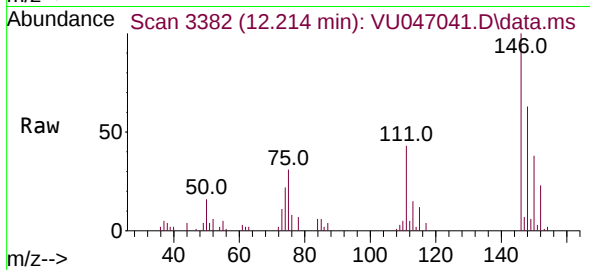
Lab File: VU047041.D

Acq: 04 Feb 2022 12:41

Instrument :

MSVOA_U

ClientSampleId :



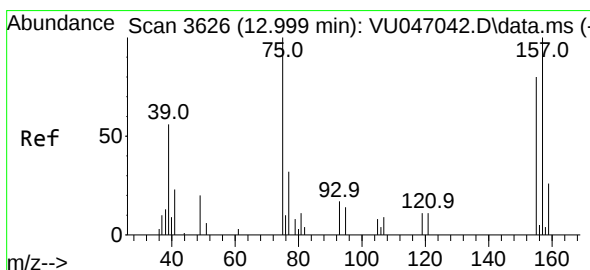
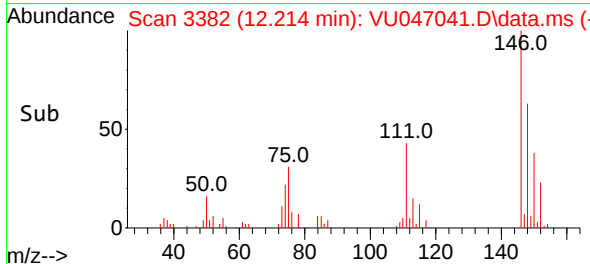
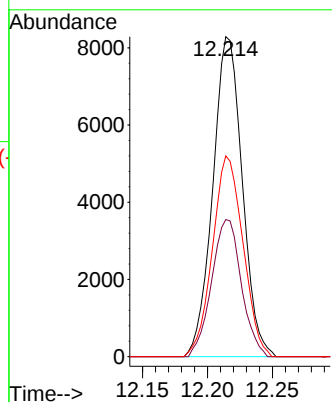
Tgt Ion:146 Resp: 13059

Ion Ratio Lower Upper

146 100

111 42.8 34.1 51.1

148 62.8 49.1 73.7



#68

1,2-Dibromo-3-chloropropane

Concen: 1.150 ug/L

RT: 13.002 min Scan# 3627

Delta R.T. 0.003 min

Lab File: VU047041.D

Acq: 04 Feb 2022 12:41

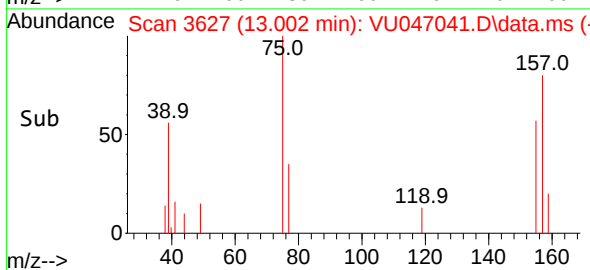
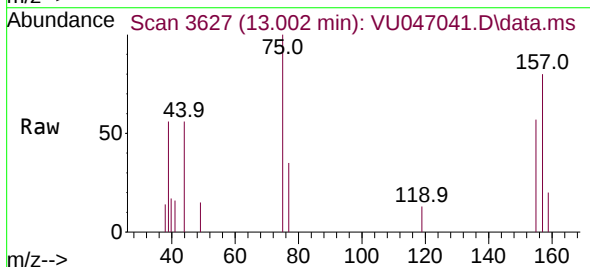
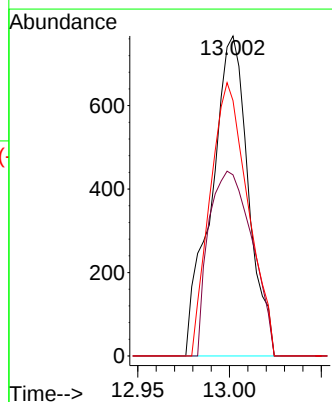
Tgt Ion: 75 Resp: 1075

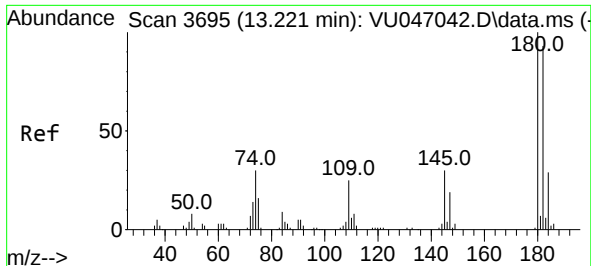
Ion Ratio Lower Upper

75 100

155 56.6 63.9 95.9#

157 79.8 79.9 119.9#





#69

1,3,5-Trichlorobenzene

Concen: 1.022 ug/L

RT: 13.224 min Scan# 3696

Delta R.T. 0.003 min

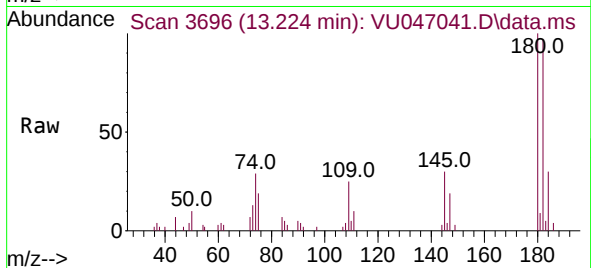
Lab File: VU047041.D

Acq: 04 Feb 2022 12:41

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 10218

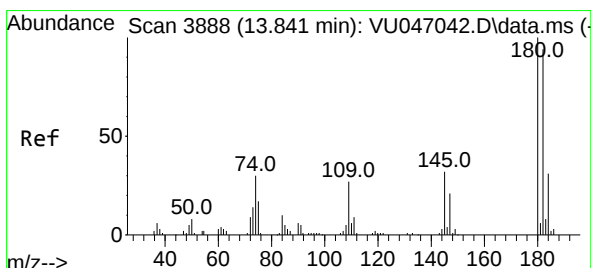
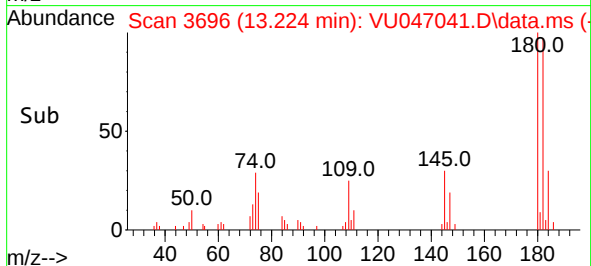
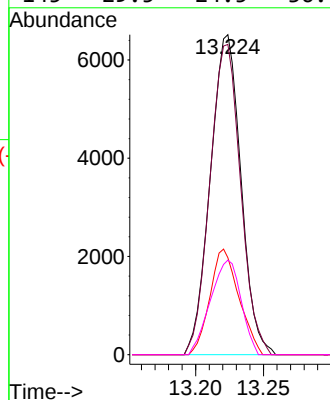
Ion Ratio Lower Upper

180 100

182 97.2 75.1 112.7

184 31.3 23.3 34.9

145 29.5 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 1.015 ug/L

RT: 13.844 min Scan# 3889

Delta R.T. 0.003 min

Lab File: VU047041.D

Acq: 04 Feb 2022 12:41

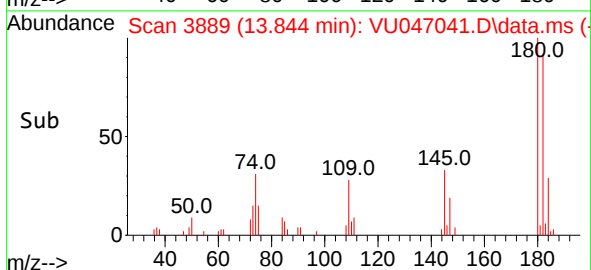
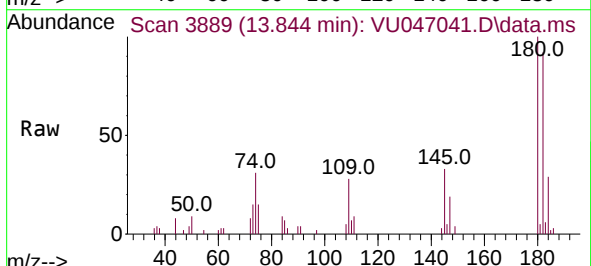
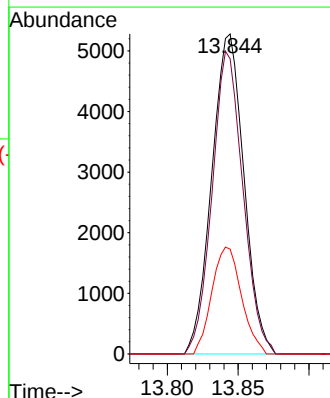
Tgt Ion:180 Resp: 8340

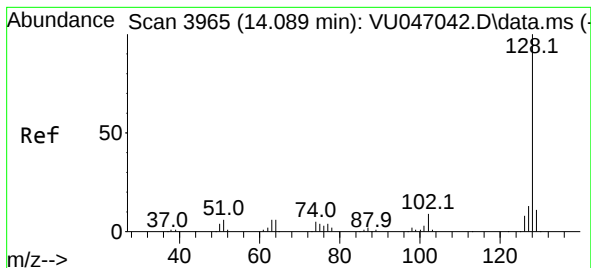
Ion Ratio Lower Upper

180 100

182 90.3 74.2 111.4

145 30.7 24.6 36.8





#71

Naphthalene

Concen: 0.743 ug/L

RT: 14.089 min Scan# 3965

Delta R.T. -0.000 min

Lab File: VU047041.D

Acq: 04 Feb 2022 12:41

Instrument :

MSVOA_U

ClientSampleId :

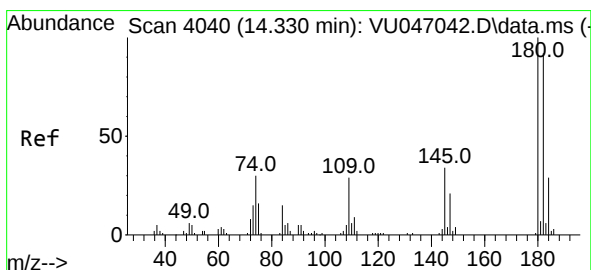
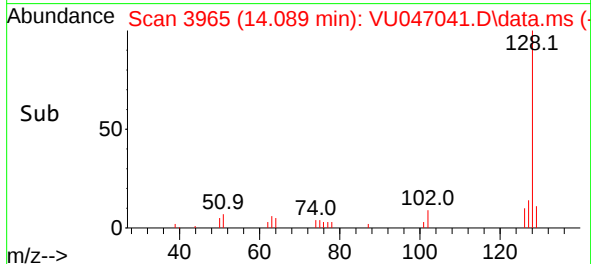
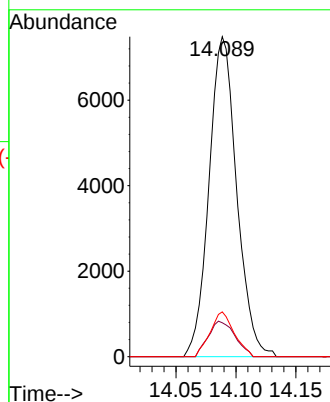
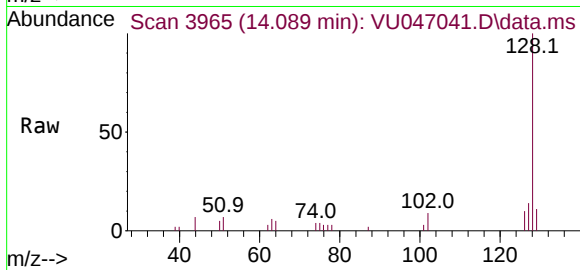
Tgt Ion:128 Resp: 12011

Ion Ratio Lower Upper

128 100

129 10.7 8.6 13.0

127 12.1 10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 0.931 ug/L

RT: 14.333 min Scan# 4041

Delta R.T. 0.003 min

Lab File: VU047041.D

Acq: 04 Feb 2022 12:41

Tgt Ion:180 Resp: 7324

Ion Ratio Lower Upper

180 100

182 94.3 74.0 111.0

145 32.3 27.1 40.7

