

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031122\
 Data File : VU047487.D
 Acq On : 11 Mar 2022 13:14
 Operator : SY/MD
 Sample : N1878-02MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4685MS

Quant Time: Mar 12 01:33:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 12 01:28:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	140082	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	135915	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	75599	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	33749	4.442	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.919	69	26416	4.736	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.571	65	15669	4.669	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.400%
20) 2-Butanone-d5	4.645	46	67542	49.933	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.860%
24) Chloroform-d	5.070	84	60671	5.013	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.706	65	28845	4.706	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	5.732	84	120454	4.712	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.693	67	36067	4.769	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.899	98	118730	4.725	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	8.179	79	15145	4.716	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.400%
46) 2-Hexanone-d5	8.635	63	69093	48.844	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.680%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32951	4.999	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	46316	4.832	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	57609	5.493	ug/L	99
3) Chloromethane	1.523	50	56360	5.381	ug/L	99
5) Vinyl chloride	1.607	62	57297	5.562	ug/L	95
6) Bromomethane	1.861	94	26291	4.476	ug/L	100
8) Chloroethane	1.938	64	33399	5.338	ug/L	99
9) Trichlorofluoromethane	2.144	101	74425	5.483	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	46004	5.489	ug/L	99
12) 1,1-Dichloroethene	2.584	96	44034	5.354	ug/L	89
13) Acetone	2.655	43	63943	51.451	ug/L	97
14) Carbon disulfide	2.800	76	135000	5.347	ug/L	99
15) Methyl Acetate	2.960	43	19854	6.045	ug/L	100
16) Methylene chloride	3.050	84	49829	5.076	ug/L	97
17) Methyl tert-butyl Ether	3.369	73	119253	5.623	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	46819	5.317	ug/L	97
19) 1,1-Dichloroethane	3.874	63	84592	5.649	ug/L	98
21) 2-Butanone	4.722	43	118270	52.845	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	55322	5.670	ug/L	100
23) Bromochloromethane	4.980	128	26135	5.606	ug/L	98
25) Chloroform	5.092	83	92035	5.676	ug/L	100

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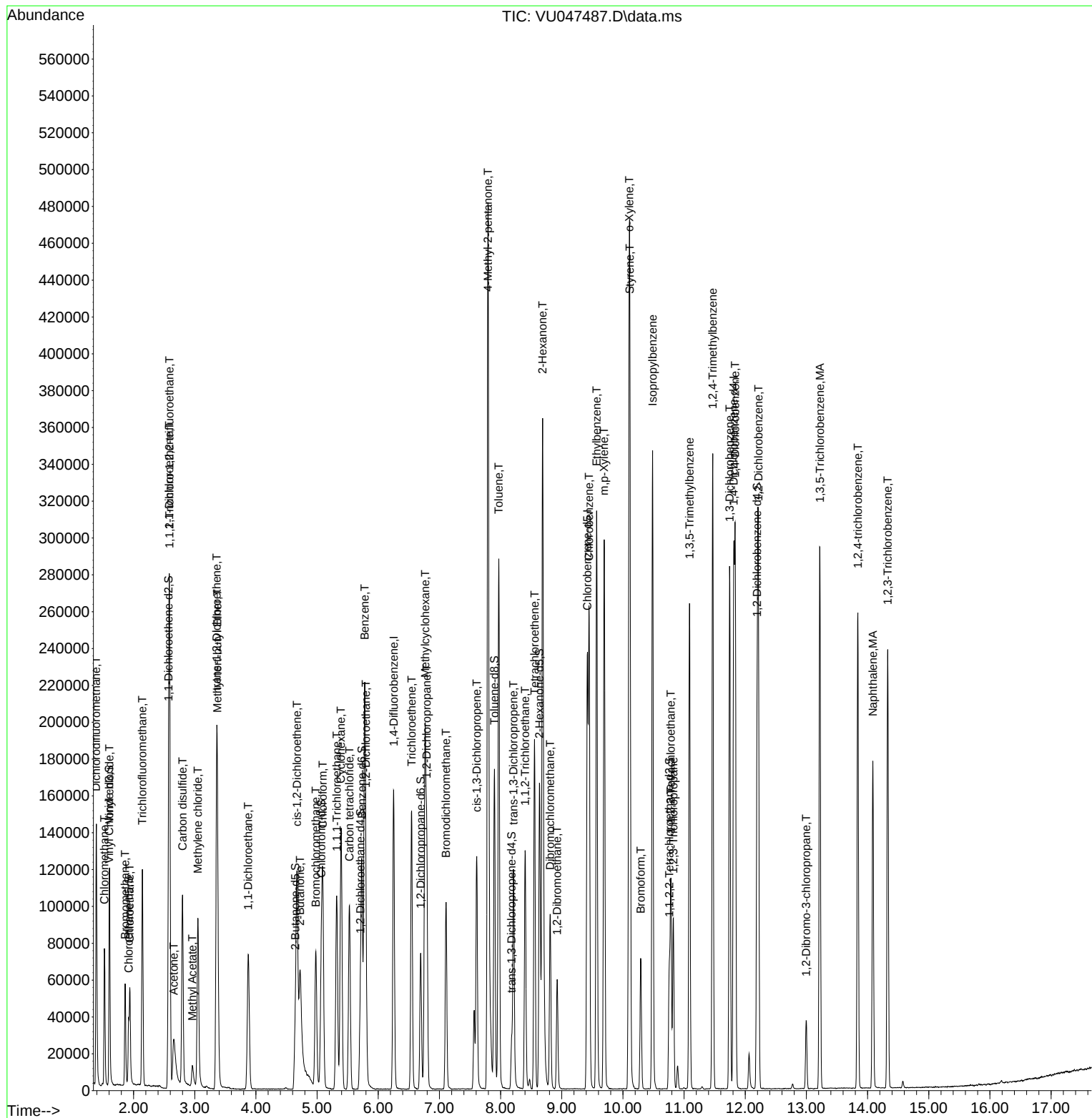
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	59544	5.704	ug/L	98
29) 1,1,1-Trichloroethane	5.320	97	75597	5.383	ug/L	98
30) Cyclohexane	5.391	56	70415	5.205	ug/L	97
31) Carbon tetrachloride	5.529	117	67353	5.461	ug/L	97
33) Benzene	5.777	78	196430	5.351	ug/L	100
34) Trichloroethene	6.546	95	51238	5.222	ug/L	99
35) Methylcyclohexane	6.767	83	76805	4.962	ug/L	100
37) 1,2-Dichloropropane	6.793	63	51276	5.609	ug/L	100
38) Bromodichloromethane	7.108	83	67236	5.540	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	74583	5.381	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	338427	54.306	ug/L	99
42) Toluene	7.970	91	214146	5.370	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	67876	5.430	ug/L	96
45) 1,1,2-Trichloroethane	8.401	97	41753	5.573	ug/L	97
47) Tetrachloroethene	8.555	164	44061	5.293	ug/L	99
48) 2-Hexanone	8.687	43	247983	54.848	ug/L	99
49) Dibromochloromethane	8.812	129	51276	5.634	ug/L	99
50) 1,2-Dibromoethane	8.925	107	40762	5.347	ug/L	100
51) Chlorobenzene	9.446	112	143303	5.372	ug/L	99
52) Ethylbenzene	9.571	91	225832	5.229	ug/L	98
53) m,p-Xylene	9.693	106	88077	5.199	ug/L	99
54) o-Xylene	10.102	106	86077	5.244	ug/L	98
55) Styrene	10.115	104	145623	5.248	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	55202	5.504	ug/L	100
59) Bromoform	10.291	173	32399	5.692	ug/L	98
60) Isopropylbenzene	10.484	105	223786	5.291	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	38575	5.509	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	142579	5.139	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	184974	5.140	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	118708	5.295	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	117586	5.165	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	116031	5.386	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	8975	5.685	ug/L	94
69) 1,3,5-Trichlorobenzene	13.220	180	97479	5.301	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	83888	5.118	ug/L	98
71) Naphthalene	14.085	128	145140	4.951	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	77365	5.148	ug/L	99

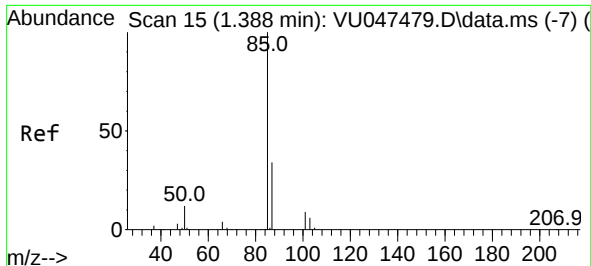
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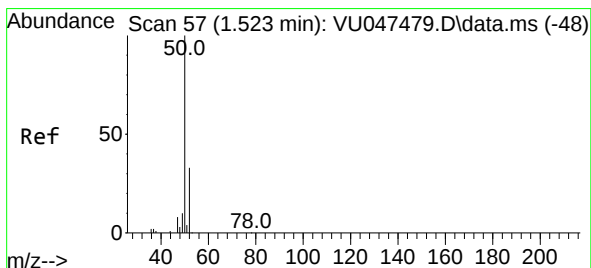
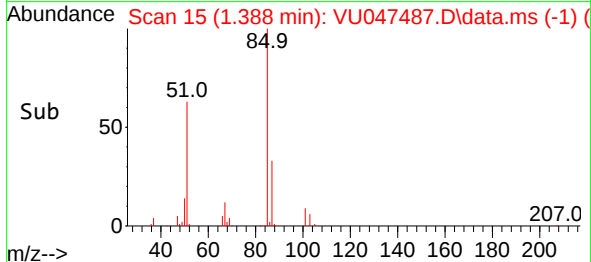
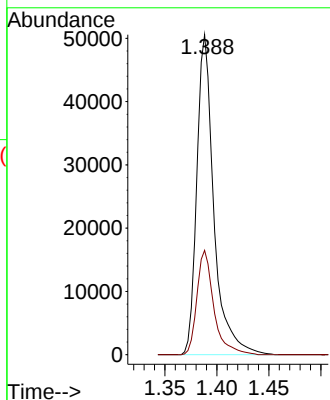
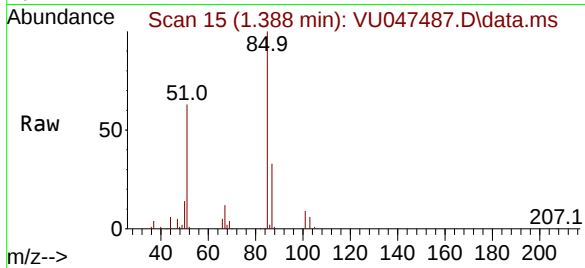




#2
Dichlorodifluoromethane
Concen: 5.493 ug/L
RT: 1.388 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047487.D
Acq: 11 Mar 2022 13:14

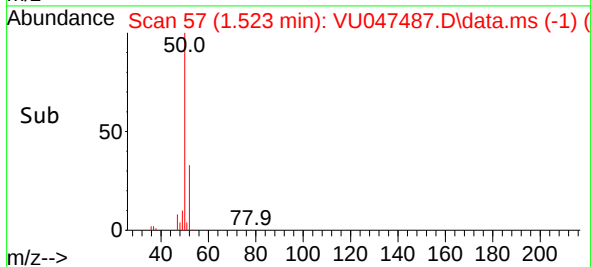
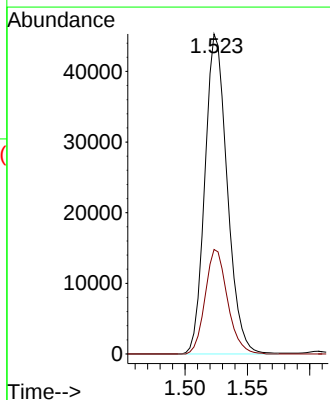
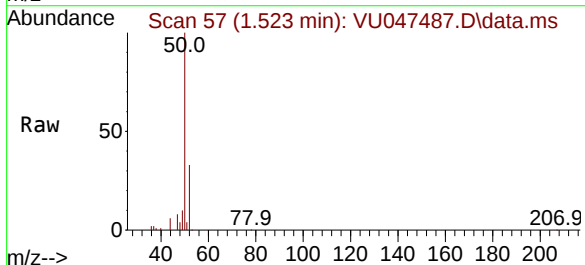
Instrument :
MSVOA_U
ClientSampleId :
H4685MS

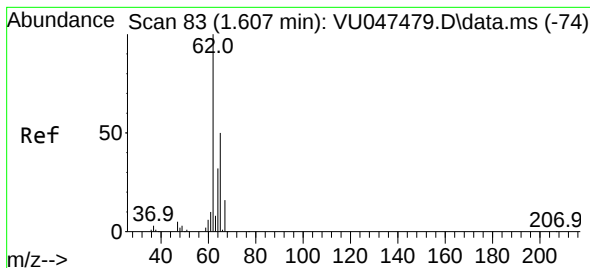
Tgt Ion: 85 Resp: 57609
Ion Ratio Lower Upper
85 100
87 32.4 25.6 38.4



#3
Chloromethane
Concen: 5.381 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU047487.D
Acq: 11 Mar 2022 13:14

Tgt Ion: 50 Resp: 56360
Ion Ratio Lower Upper
50 100
52 32.6 22.5 41.9





#5

Vinyl chloride

Concen: 5.562 ug/L

RT: 1.607 min Scan# 81

Delta R.T. -0.000 min

Lab File: VU047487.D

Acq: 11 Mar 2022 13:14

Instrument :

MSVOA_U

ClientSampleId :

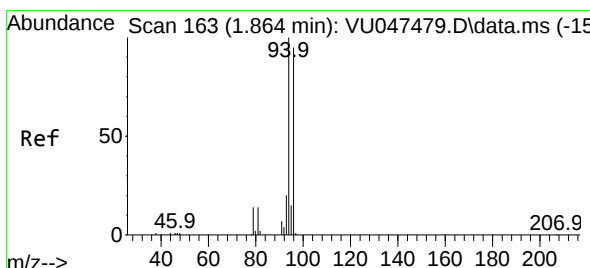
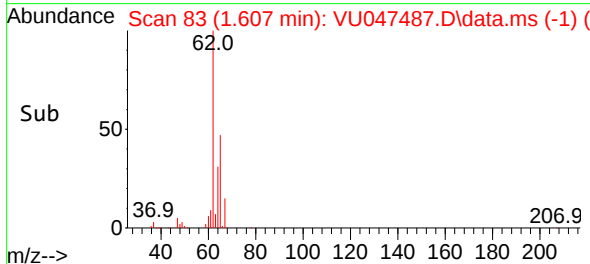
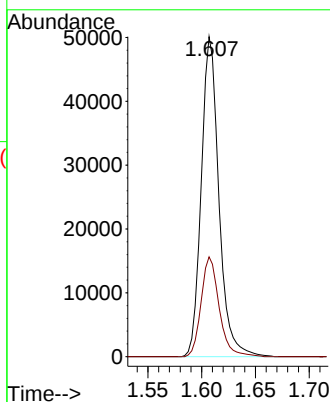
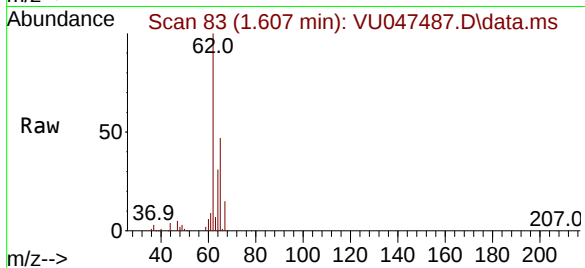
H4685MS

Tgt Ion: 62 Resp: 57297

Ion Ratio Lower Upper

62 100

64 31.2 23.7 43.9



#6

Bromomethane

Concen: 4.476 ug/L

RT: 1.861 min Scan# 162

Delta R.T. -0.003 min

Lab File: VU047487.D

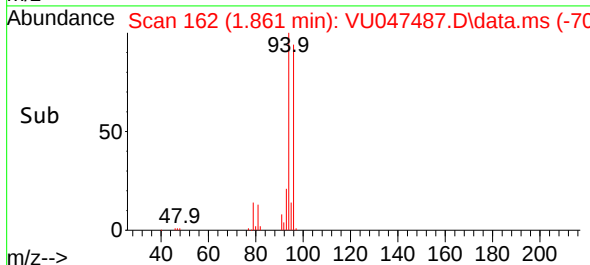
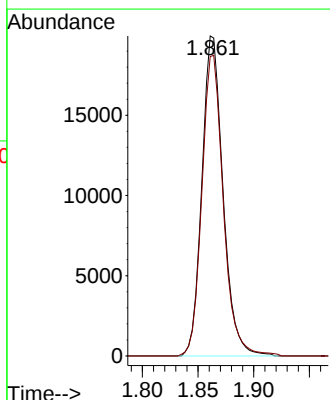
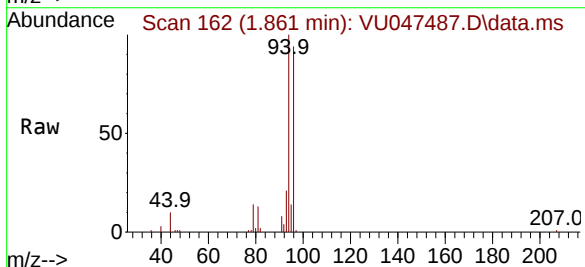
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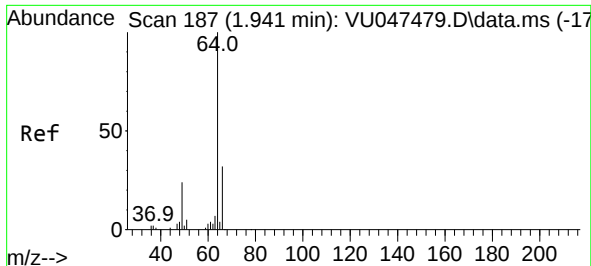
Tgt Ion: 94 Resp: 26291

Ion Ratio Lower Upper

94 100

96 93.5 65.6 121.8

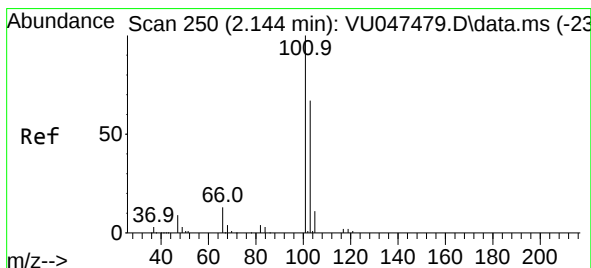
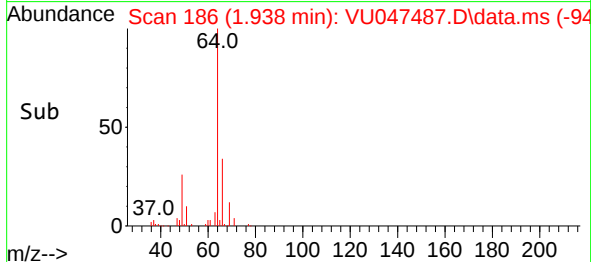
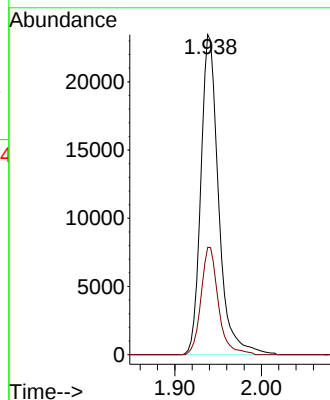
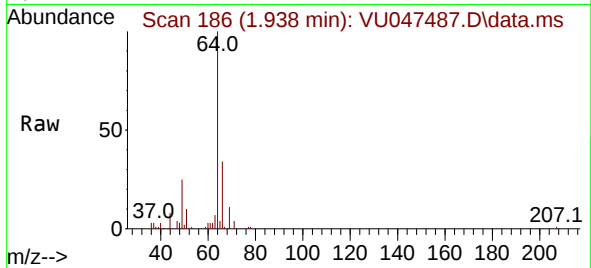




#8
Chloroethane
Concen: 5.338 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU047487.D
Acq: 11 Mar 2022 13:14

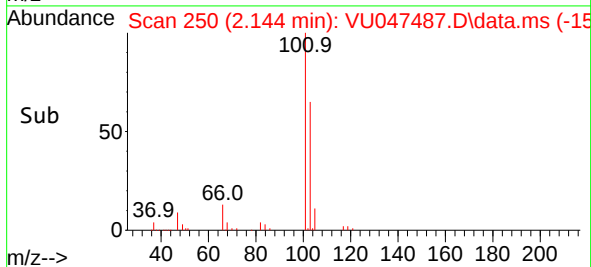
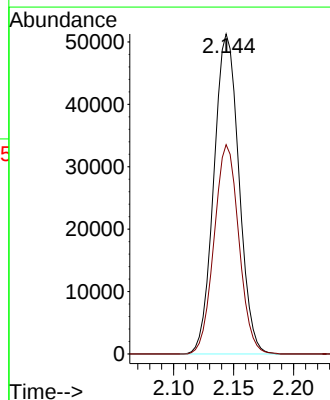
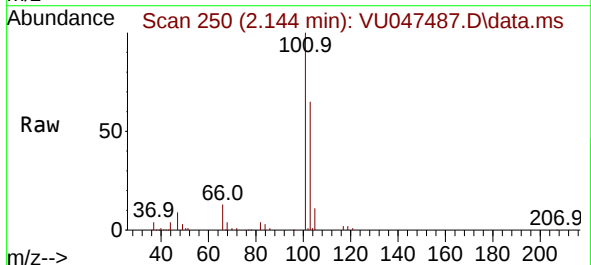
Instrument :
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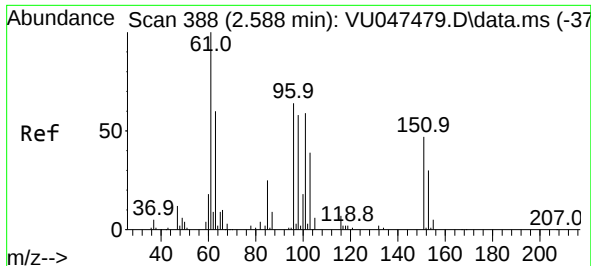
Tgt Ion: 64 Resp: 33399
Ion Ratio Lower Upper
64 100
66 33.5 22.9 42.5



#9
Trichlorofluoromethane
Concen: 5.483 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU047487.D
Acq: 11 Mar 2022 13:14

Tgt Ion: 101 Resp: 74425
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.8





#10

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

Concen: 5.489 ug/L

RT: 2.587 min Scan# 388

Delta R.T. -0.000 min

Lab File: VU047487.D

Acq: 11 Mar 2022 13:14

Instrument :

MSVOA_U

ClientSampleId :

H4685MS

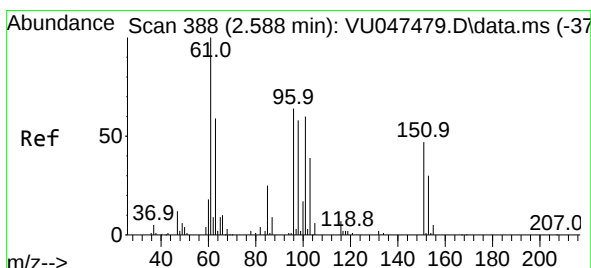
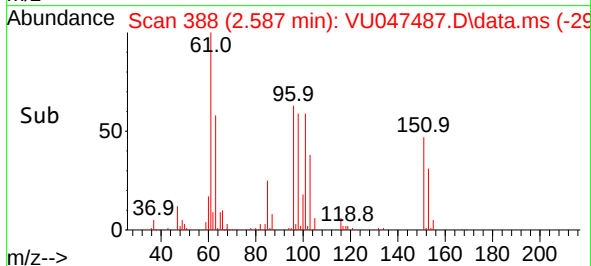
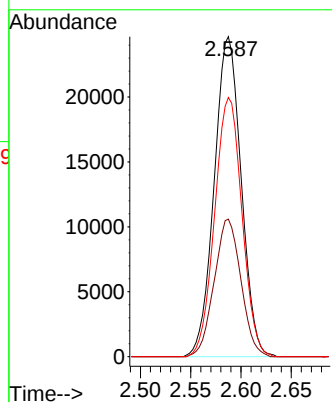
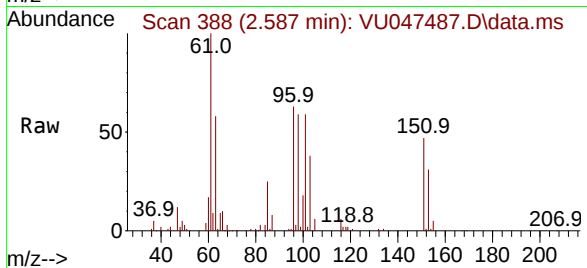
Tgt Ion:101 Resp: 46004

Ion Ratio Lower Upper

101 100

85 42.6 33.8 50.6

151 81.9 64.8 97.2



#12

1,1-Dichloroethene

Concen: 5.354 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.003 min

Lab File: VU047487.D

Acq: 11 Mar 2022 13:14

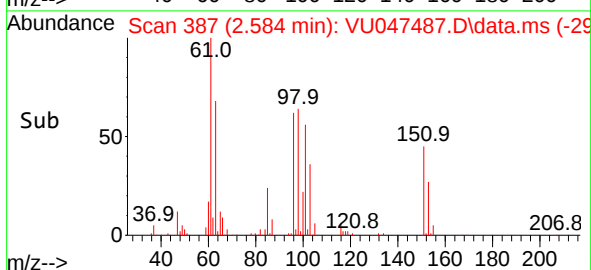
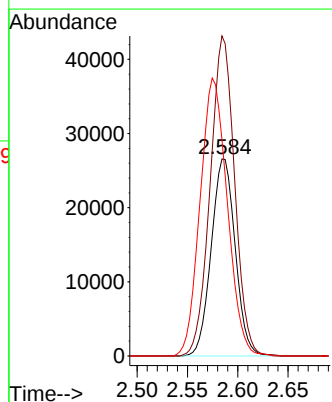
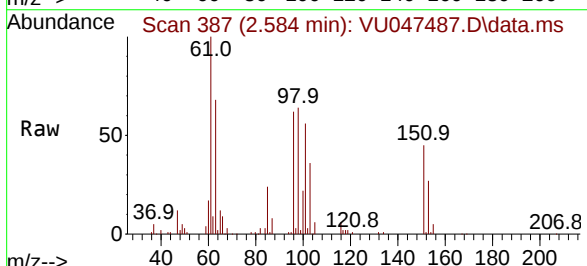
Tgt Ion: 96 Resp: 44034

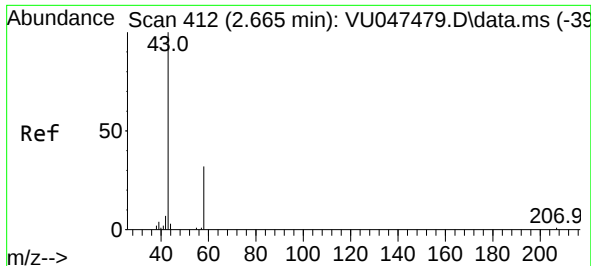
Ion Ratio Lower Upper

96 100

61 162.5 108.8 202.0

63 109.9 64.0 119.0

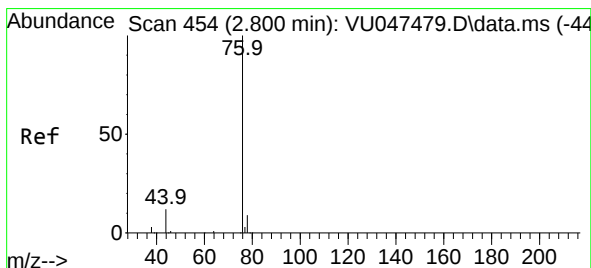
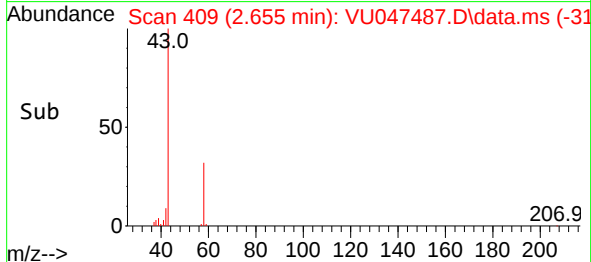
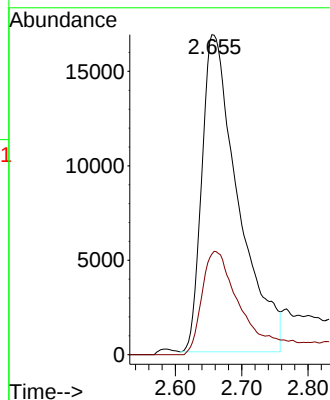
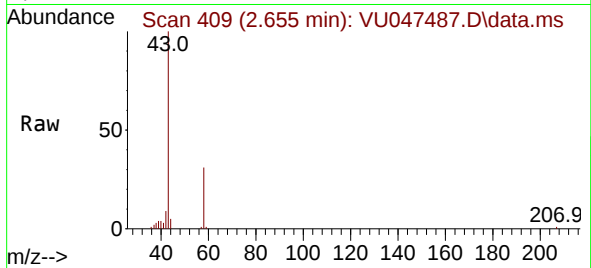




#13
Acetone
Concen: 51.451 ug/L
RT: 2.655 min Scan# 409
Delta R.T. -0.010 min
Lab File: VU047487.D
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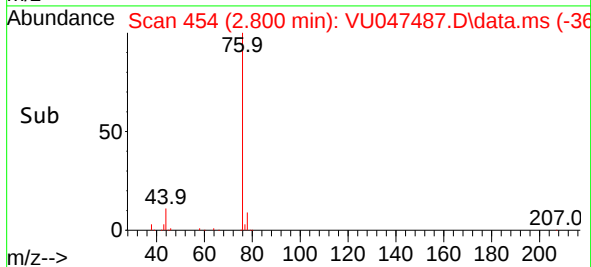
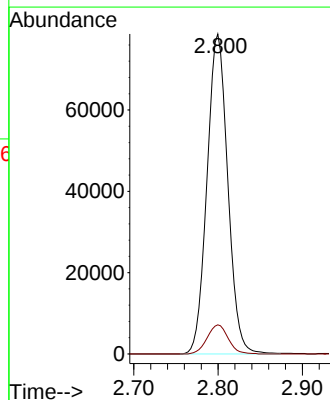
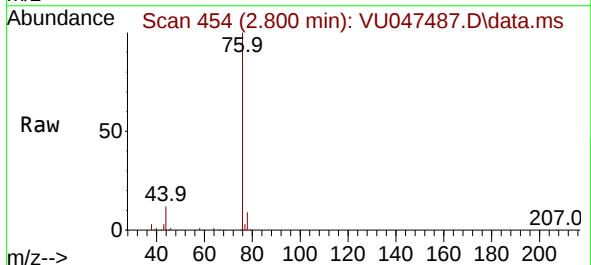
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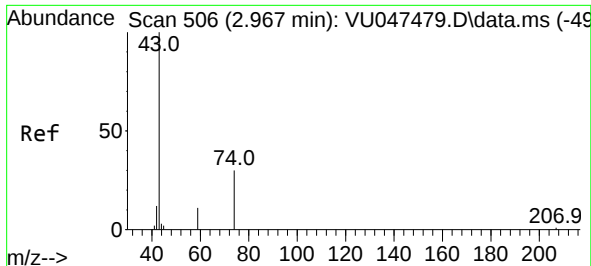
Tgt Ion: 43 Resp: 63943
Ion Ratio Lower Upper
43 100
58 34.8 0.0 72.6



#14
Carbon disulfide
Concen: 5.347 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU047487.D
Acq: 11 Mar 2022 13:14

Tgt Ion: 76 Resp: 135000
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

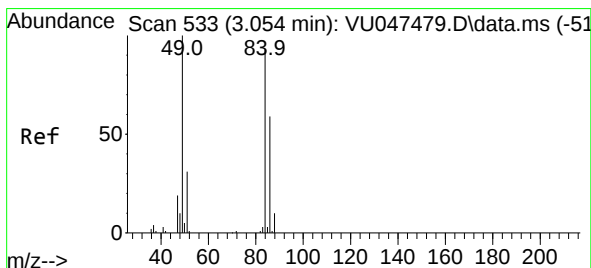
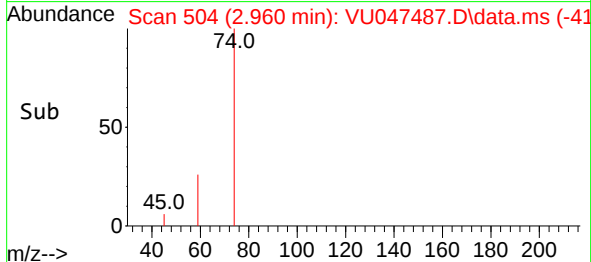
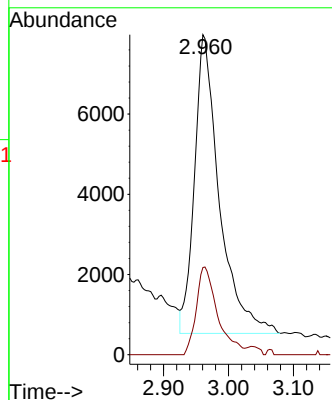
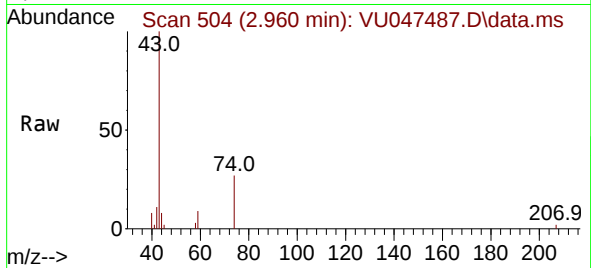




#15
Methyl Acetate
Concen: 6.045 ug/L
RT: 2.960 min Scan# 506
Delta R.T. -0.007 min
Lab File: VU047487.D
Acq: 11 Mar 2022 13:14

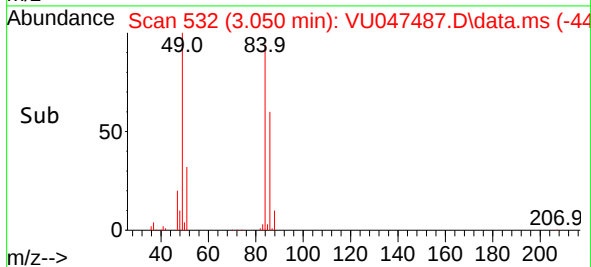
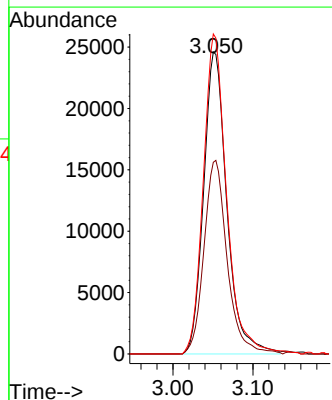
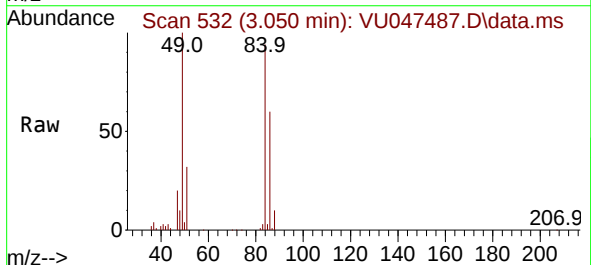
Instrument :
MSVOA_U
ClientSampleId :
H4685MS

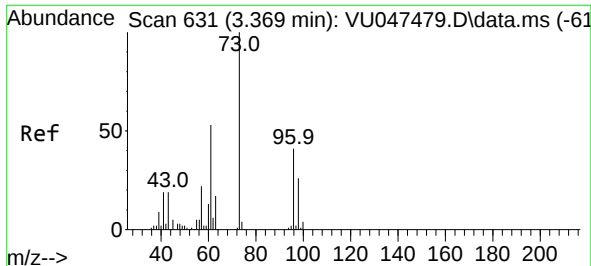
Tgt Ion: 43 Resp: 19854
Ion Ratio Lower Upper
43 100
74 25.2 20.2 30.2



#16
Methylene chloride
Concen: 5.076 ug/L
RT: 3.050 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU047487.D
Acq: 11 Mar 2022 13:14

Tgt Ion: 84 Resp: 49829
Ion Ratio Lower Upper
84 100
86 63.5 45.9 85.3
49 106.0 76.4 141.8





#17

Methyl tert-butyl Ether

Concen: 5.623 ug/L

RT: 3.369 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU047487.D

Acq: 11 Mar 2022 13:14

Instrument :

MSVOA_U

ClientSampleId :

H4685MS

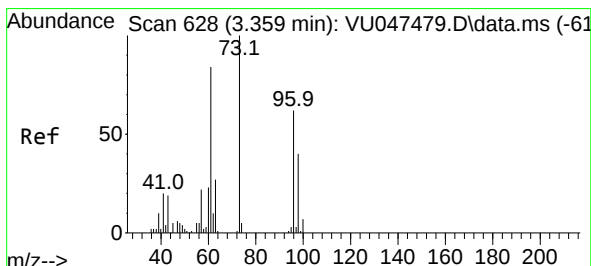
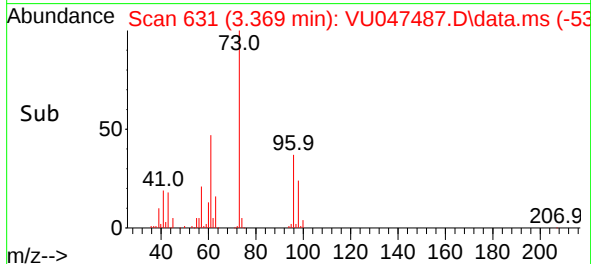
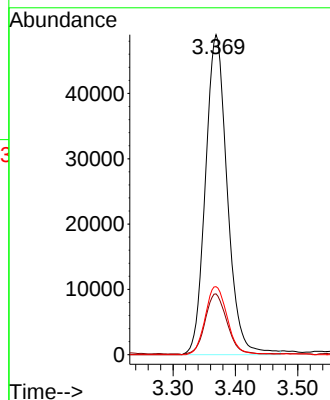
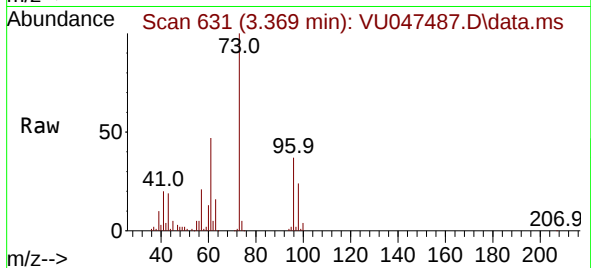
Tgt Ion: 73 Resp: 119253

Ion Ratio Lower Upper

73 100

43 19.3 14.6 22.0

57 21.5 16.5 24.7



#18

trans-1,2-Dichloroethene

Concen: 5.317 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.000 min

Lab File: VU047487.D

Acq: 11 Mar 2022 13:14

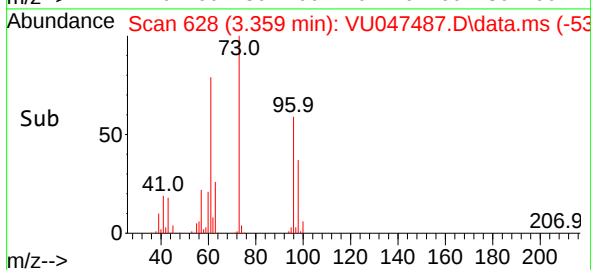
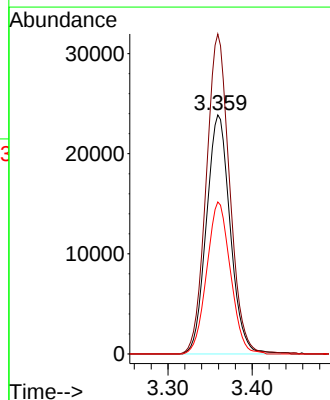
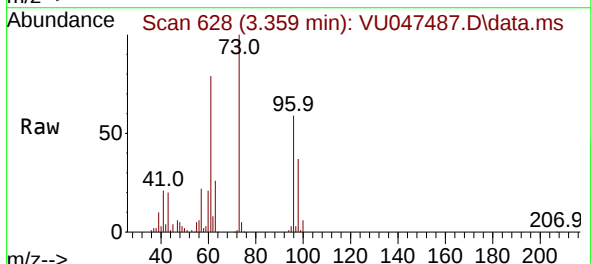
Tgt Ion: 96 Resp: 46819

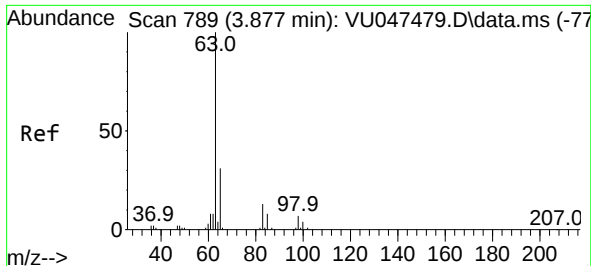
Ion Ratio Lower Upper

96 100

61 133.9 90.4 167.8

98 63.6 45.0 83.6





#19

1,1-Dichloroethane

Concen: 5.649 ug/L

RT: 3.874 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU047487.D

Acq: 11 Mar 2022 13:14

Instrument :

MSVOA_U

ClientSampleId :

H4685MS

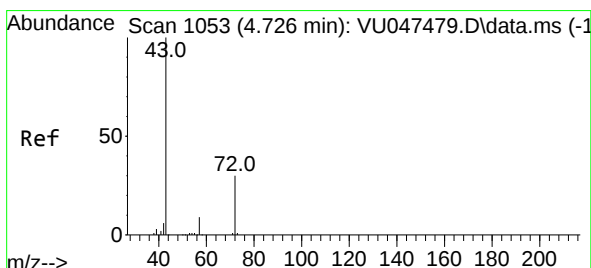
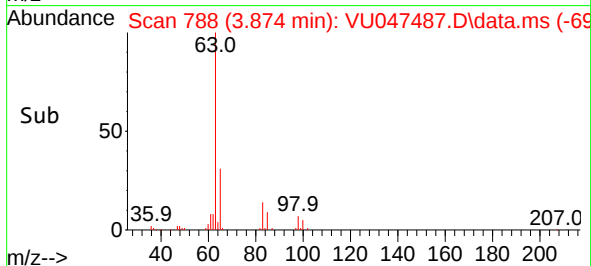
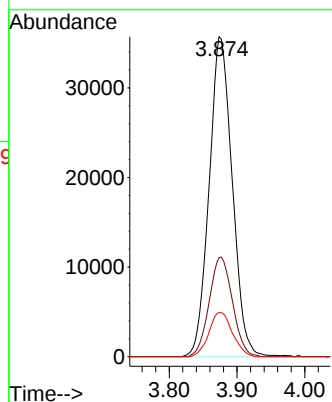
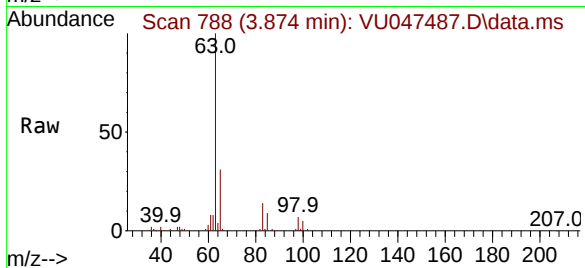
Tgt Ion: 63 Resp: 84592

Ion Ratio Lower Upper

63 100

65 31.0 22.8 42.4

83 13.8 9.9 18.3



#21

2-Butanone

Concen: 52.845 ug/L

RT: 4.722 min Scan# 1052

Delta R.T. -0.003 min

Lab File: VU047487.D

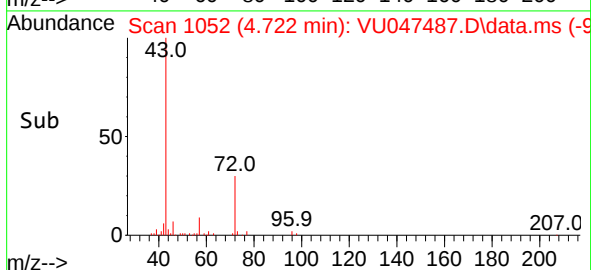
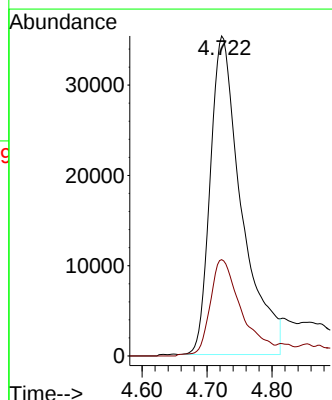
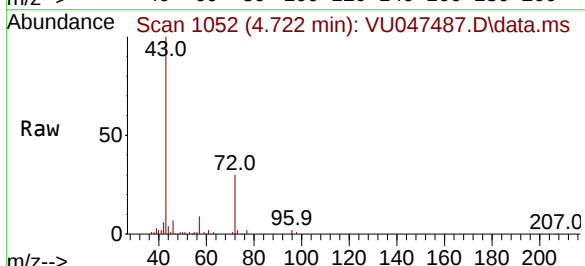
Acq: 11 Mar 2022 13:14

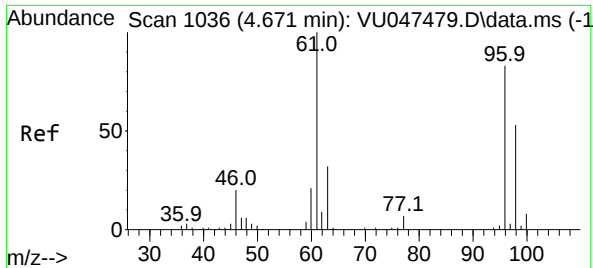
Tgt Ion: 43 Resp: 118270

Ion Ratio Lower Upper

43 100

72 30.5 14.7 44.1

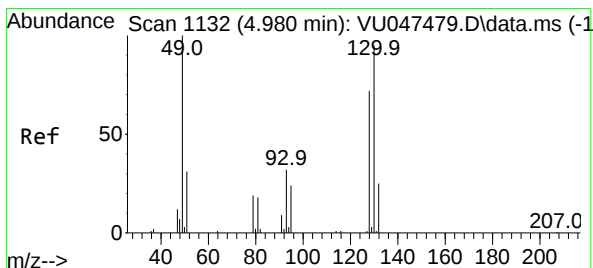
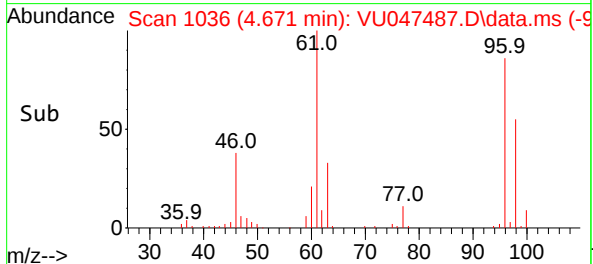
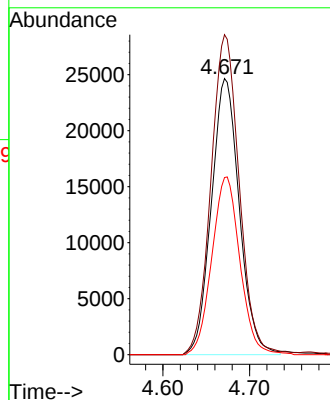
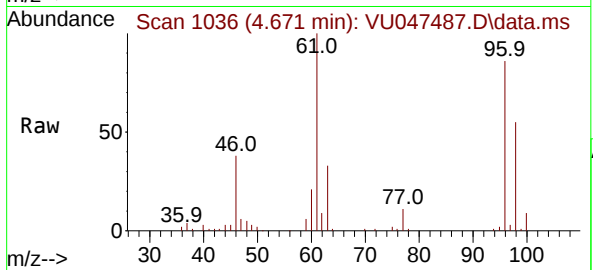




#22
 cis-1,2-Dichloroethene
 Concen: 5.670 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VU047487.D
 Acq: 11 Mar 2022 13:14

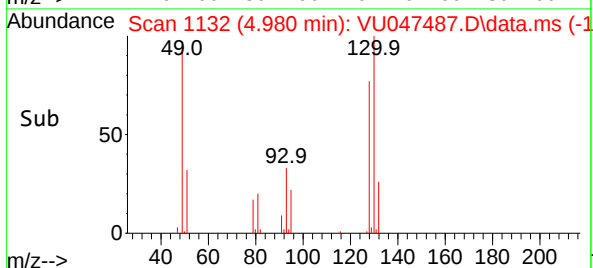
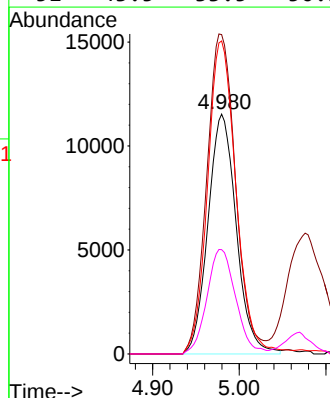
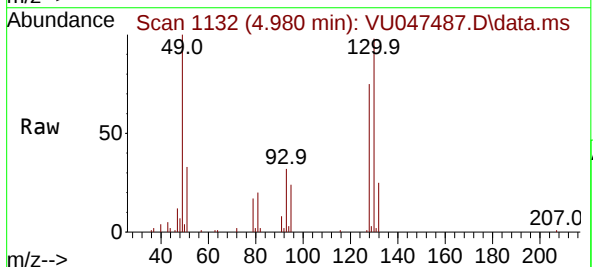
Instrument :
 MSVOA_U
 ClientSampleId :
 H4685MS

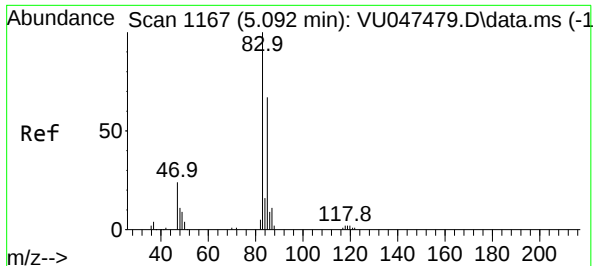
Tgt Ion: 96 Resp: 55322
 Ion Ratio Lower Upper
 96 100
 61 115.9 80.8 150.0
 98 64.2 44.7 83.1



#23
 Bromochloromethane
 Concen: 5.606 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. -0.000 min
 Lab File: VU047487.D
 Acq: 11 Mar 2022 13:14

Tgt Ion: 128 Resp: 26135
 Ion Ratio Lower Upper
 128 100
 49 133.1 91.6 170.2
 130 130.4 89.6 166.4
 51 43.5 33.5 50.3





#25

Chloroform

Concen: 5.676 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU047487.D

Acq: 11 Mar 2022 13:14

Instrument :

MSVOA_U

ClientSampleId :

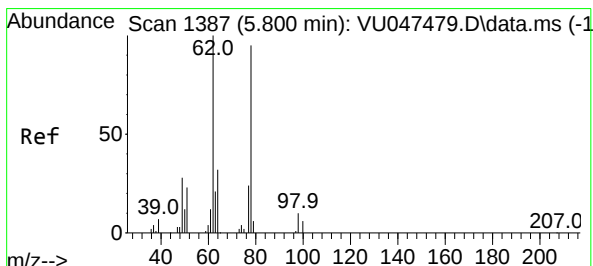
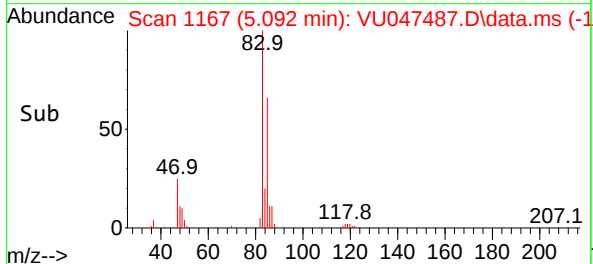
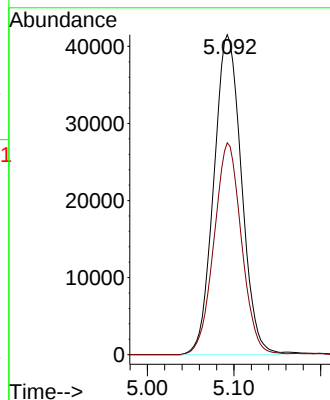
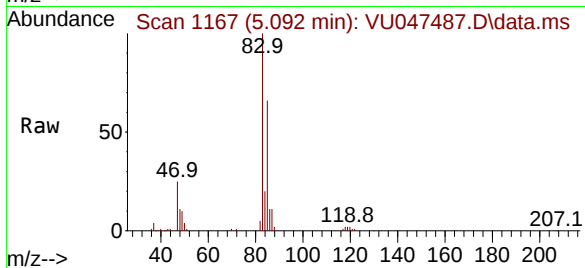
H4685MS

Tgt Ion: 83 Resp: 92035

Ion Ratio Lower Upper

83 100

85 66.2 46.2 85.8



#27

1,2-Dichloroethane

Concen: 5.704 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU047487.D

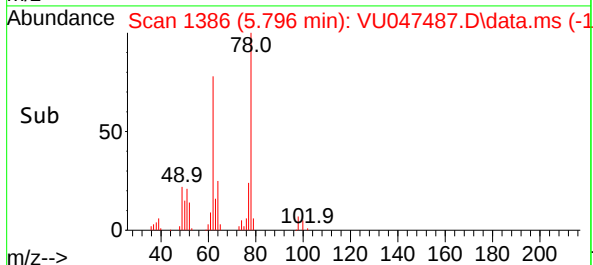
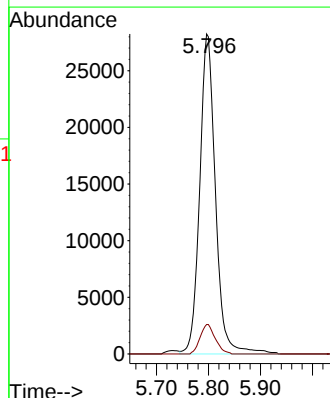
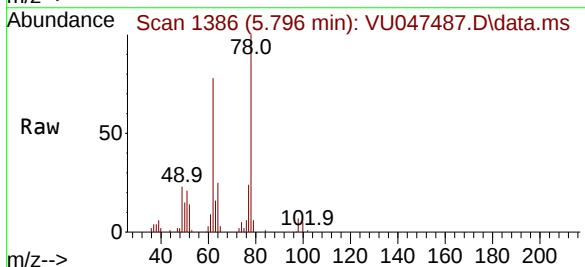
Acq: 11 Mar 2022 13:14

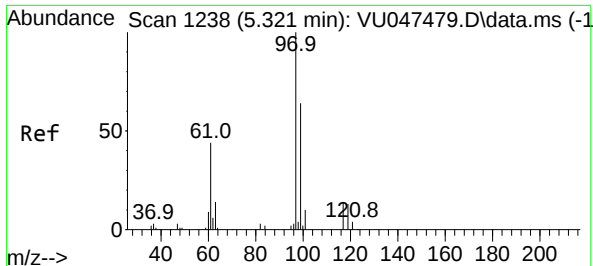
Tgt Ion: 62 Resp: 59544

Ion Ratio Lower Upper

62 100

98 9.2 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.383 ug/L

RT: 5.320 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU047487.D

Acq: 11 Mar 2022 13:14

Instrument :

MSVOA_U

ClientSampleId :

H4685MS

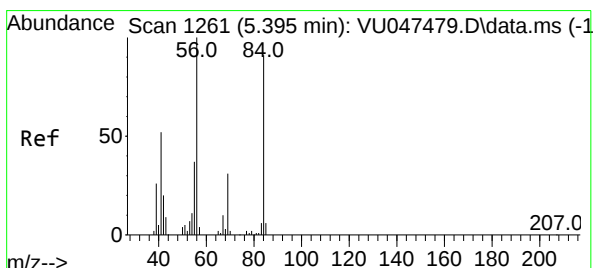
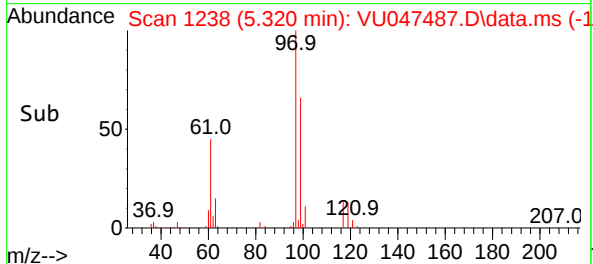
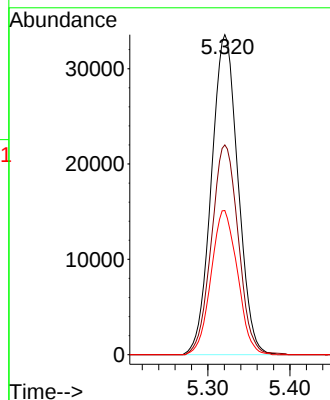
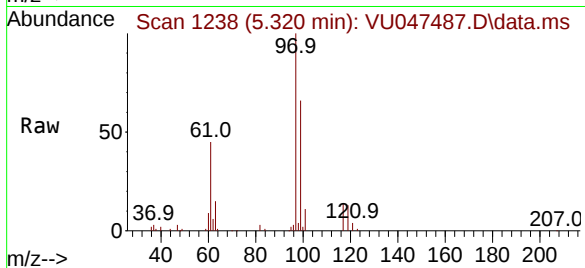
Tgt Ion: 97 Resp: 75597

Ion Ratio Lower Upper

97 100

99 66.3 52.1 78.1

61 44.7 33.8 50.6



#30

Cyclohexane

Concen: 5.205 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.003 min

Lab File: VU047487.D

Acq: 11 Mar 2022 13:14

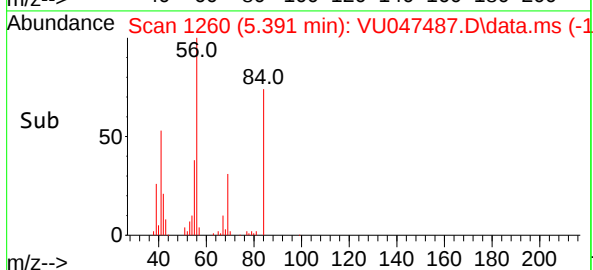
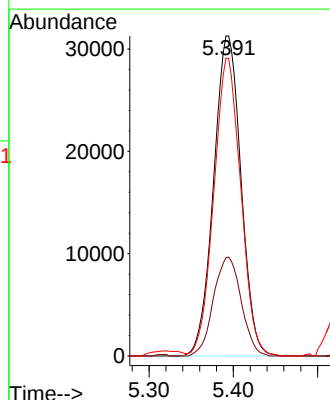
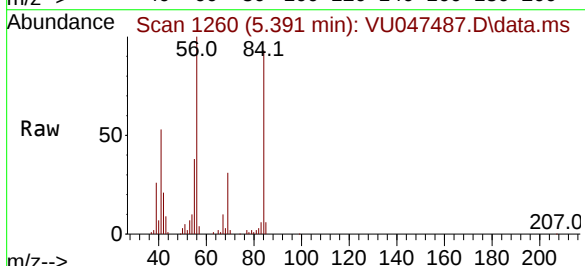
Tgt Ion: 56 Resp: 70415

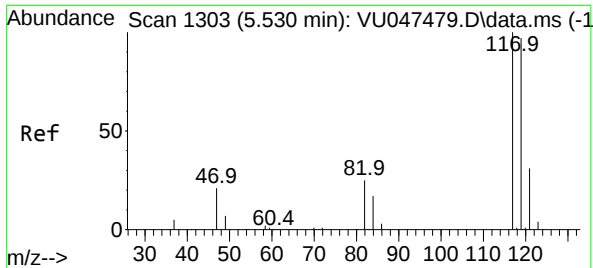
Ion Ratio Lower Upper

56 100

69 31.3 26.0 39.0

84 91.7 76.3 114.5

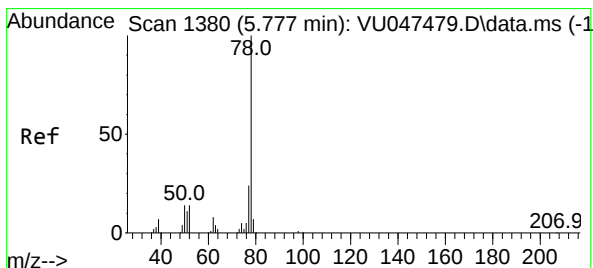
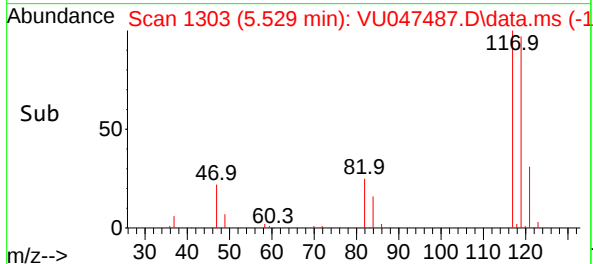
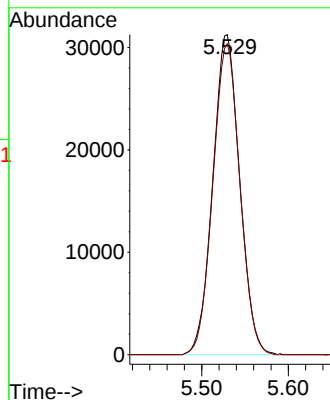
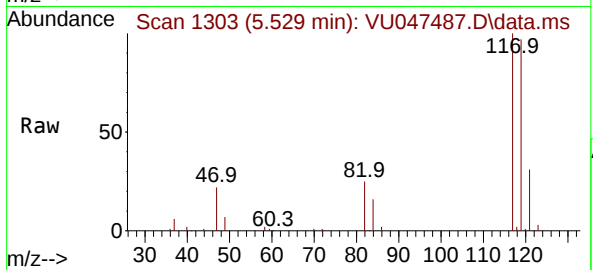




#31
Carbon tetrachloride
Concen: 5.461 ug/L
RT: 5.529 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU047487.D
Acq: 11 Mar 2022 13:14

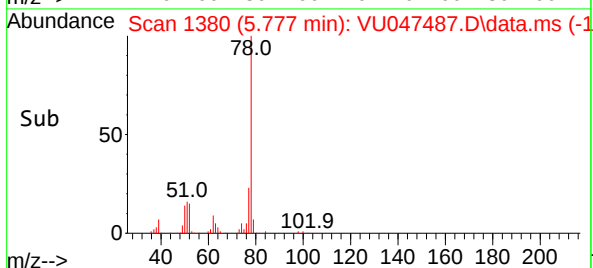
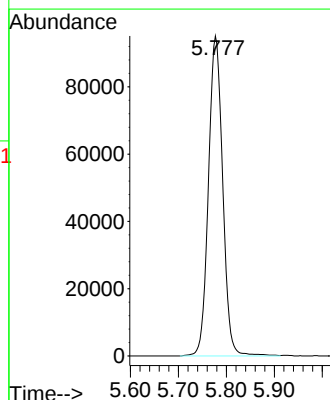
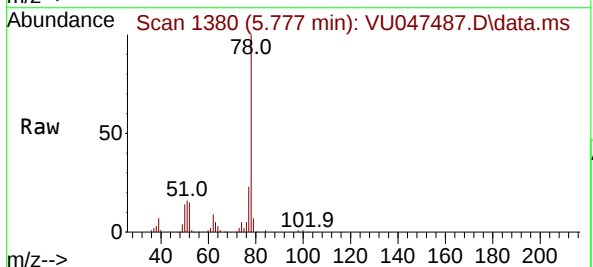
Instrument :
MSVOA_U
ClientSampleId :
H4685MS

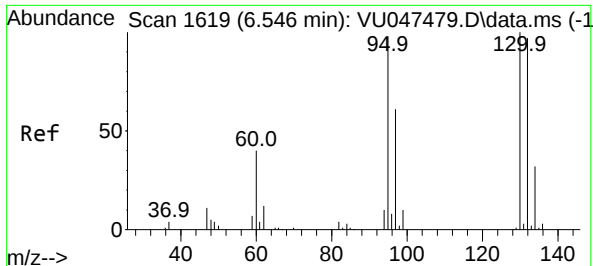
Tgt Ion:117 Resp: 67353
Ion Ratio Lower Upper
117 100
119 97.7 75.8 113.8



#33
Benzene
Concen: 5.351 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047487.D
Acq: 11 Mar 2022 13:14

Tgt Ion: 78 Resp: 196430

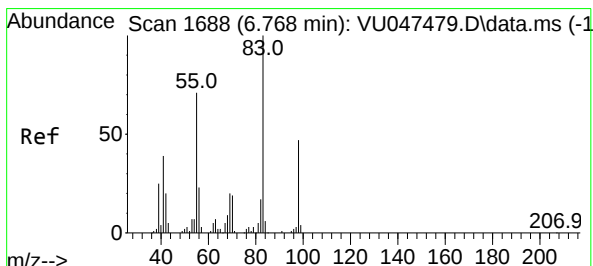
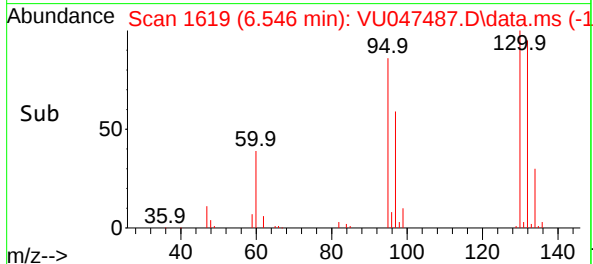
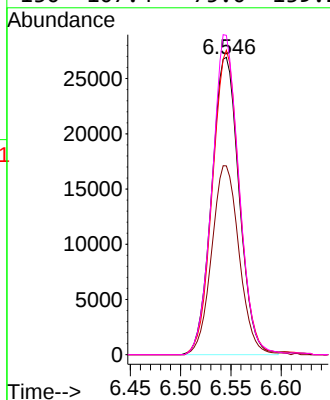
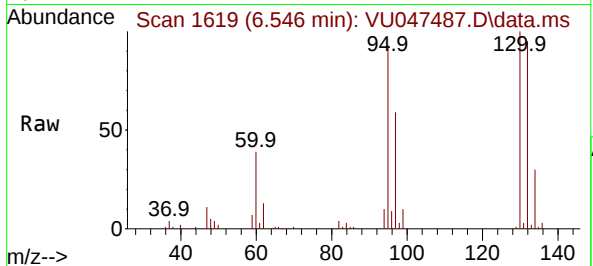




#34
Trichloroethene
Concen: 5.222 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047487.D
Acq: 11 Mar 2022 13:14

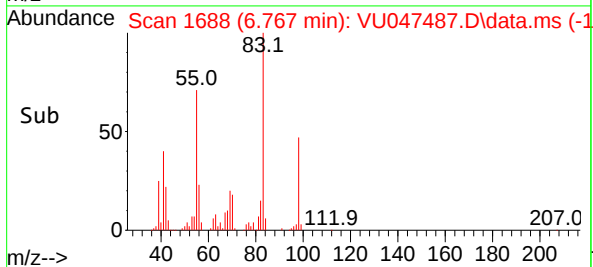
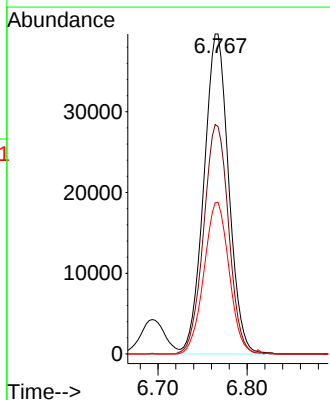
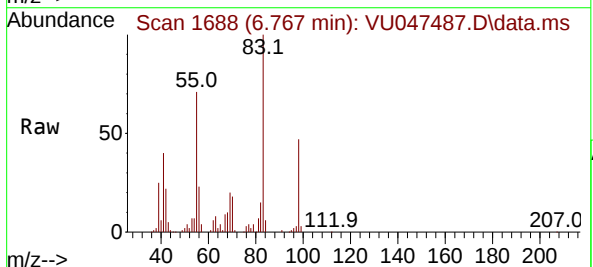
Instrument :
MSVOA_U
ClientSampleId :
H4685MS

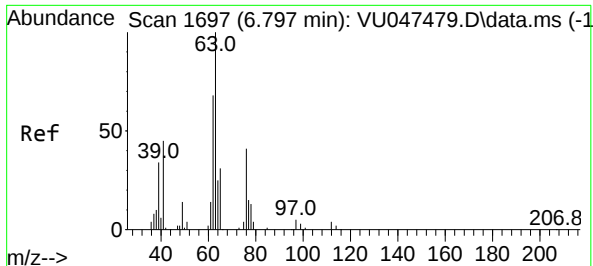
Tgt Ion: 95 Resp: 51238
Ion Ratio Lower Upper
95 100
97 63.5 46.3 85.9
132 102.4 71.7 133.1
130 107.4 75.0 139.2



#35
Methylcyclohexane
Concen: 4.962 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU047487.D
Acq: 11 Mar 2022 13:14

Tgt Ion: 83 Resp: 76805
Ion Ratio Lower Upper
83 100
55 72.1 57.8 86.8
98 47.9 38.0 57.0





#37

1,2-Dichloropropane

Concen: 5.609 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU047487.D

Acq: 11 Mar 2022 13:14

Instrument :

MSVOA_U

ClientSampleId :

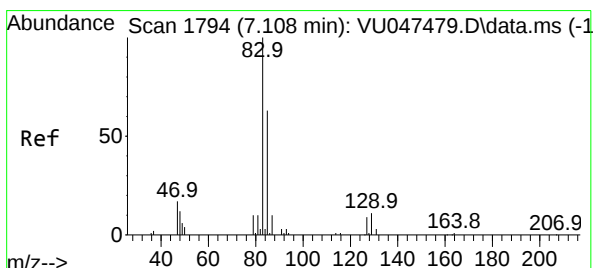
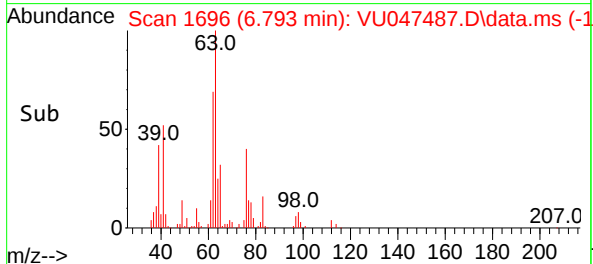
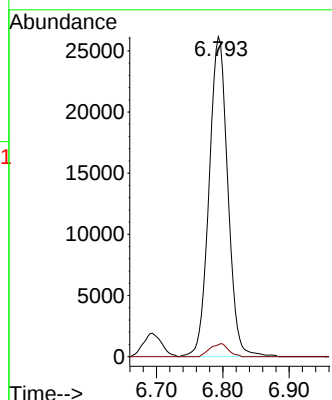
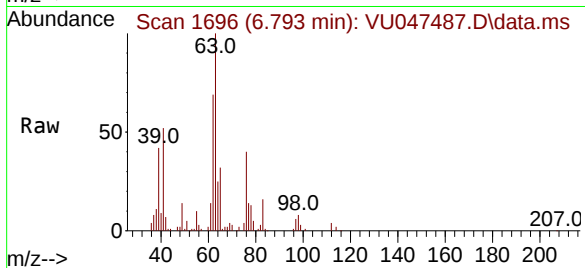
H4685MS

Tgt Ion: 63 Resp: 51276

Ion Ratio Lower Upper

63 100

112 4.0 3.3 4.9



#38

Bromodichloromethane

Concen: 5.540 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU047487.D

Acq: 11 Mar 2022 13:14

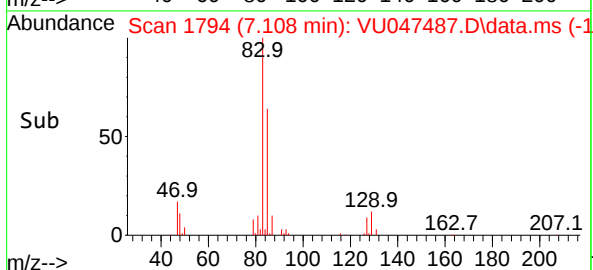
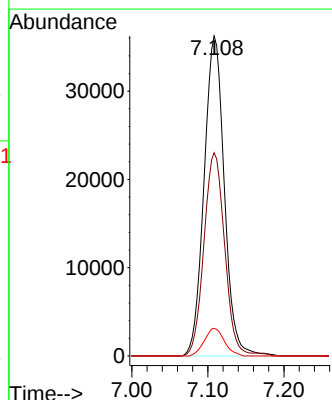
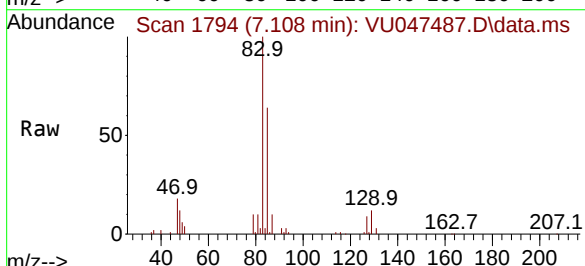
Tgt Ion: 83 Resp: 67236

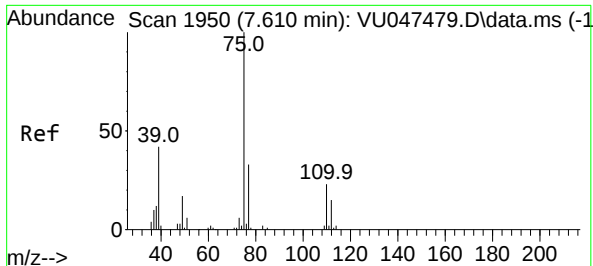
Ion Ratio Lower Upper

83 100

85 63.5 45.0 83.6

127 8.6 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 5.381 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU047487.D

Acq: 11 Mar 2022 13:14

Instrument :

MSVOA_U

ClientSampleId :

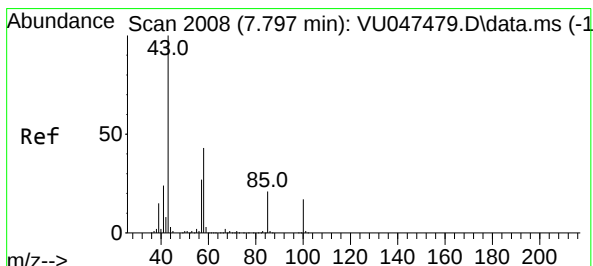
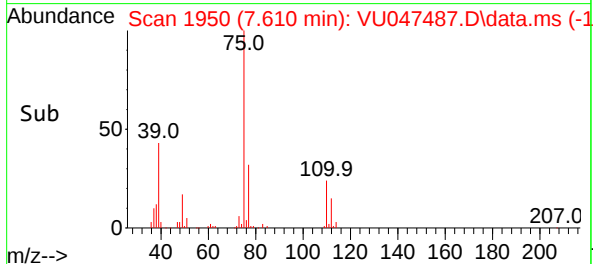
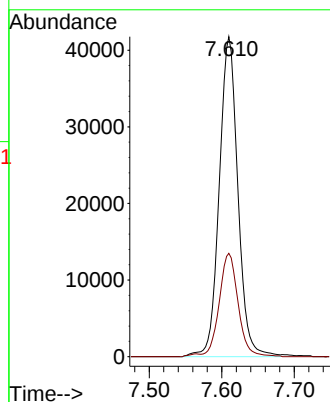
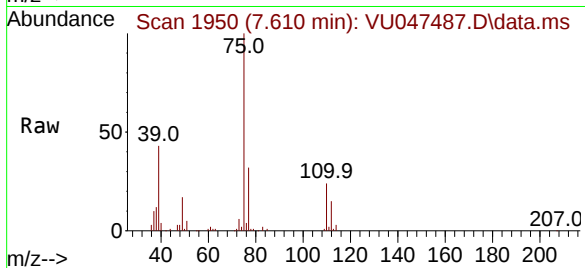
H4685MS

Tgt Ion: 75 Resp: 74583

Ion Ratio Lower Upper

75 100

77 32.3 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 54.306 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU047487.D

Acq: 11 Mar 2022 13:14

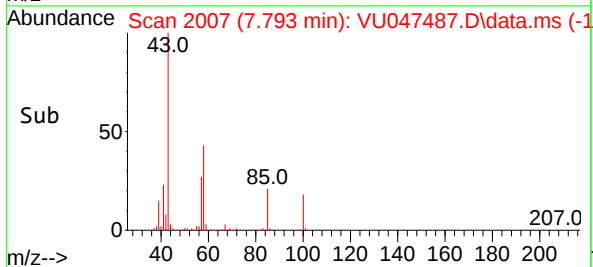
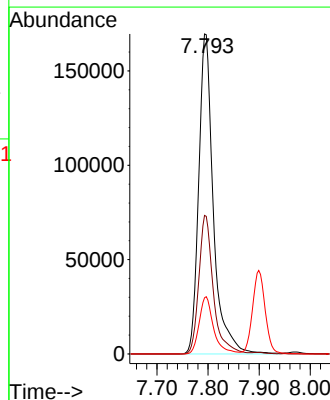
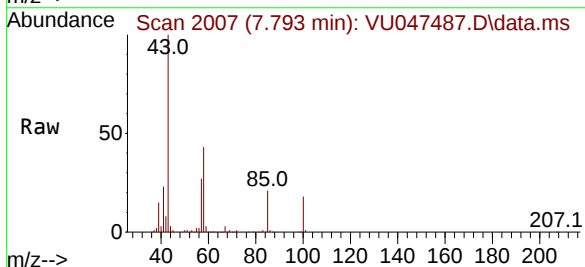
Tgt Ion: 43 Resp: 338427

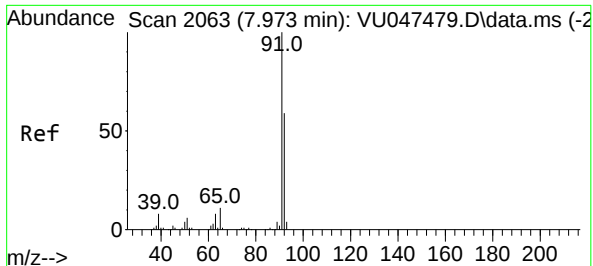
Ion Ratio Lower Upper

43 100

58 42.7 34.8 52.2

100 17.6 14.2 21.4





#42

Toluene

Concen: 5.370 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU047487.D

Acq: 11 Mar 2022 13:14

Instrument :

MSVOA_U

ClientSampleId :

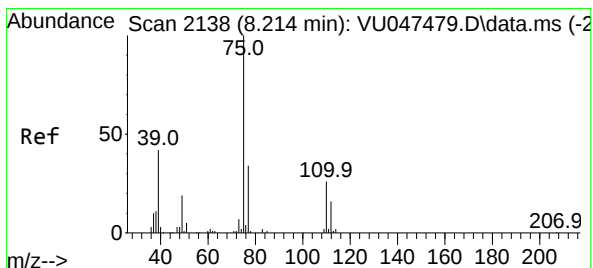
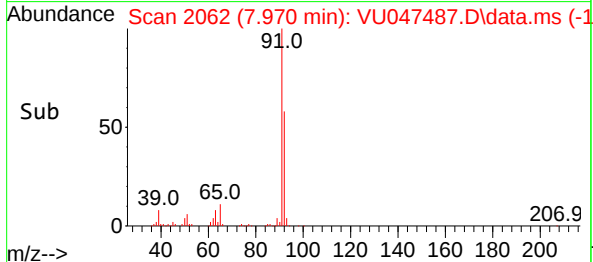
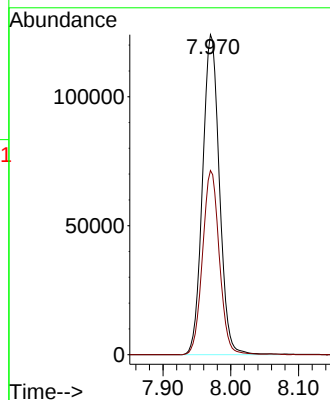
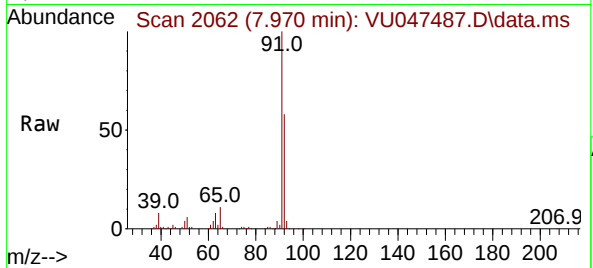
H4685MS

Tgt Ion: 91 Resp: 214146

Ion Ratio Lower Upper

91 100

92 57.5 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.430 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VU047487.D

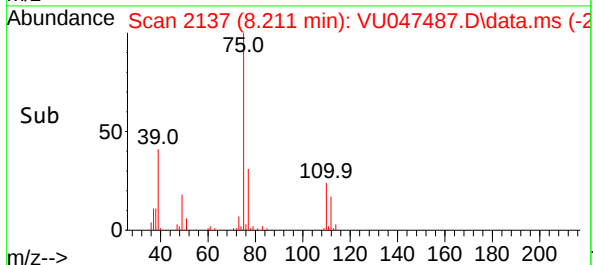
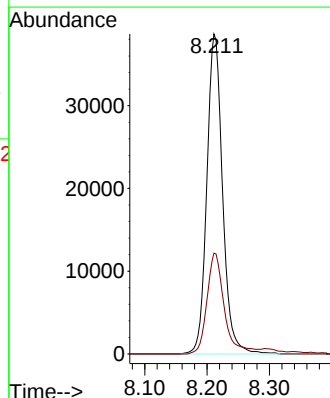
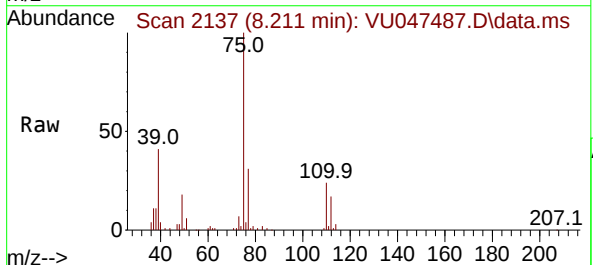
Acq: 11 Mar 2022 13:14

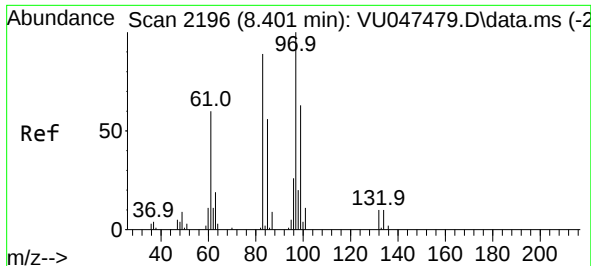
Tgt Ion: 75 Resp: 67876

Ion Ratio Lower Upper

75 100

77 31.5 23.6 43.8



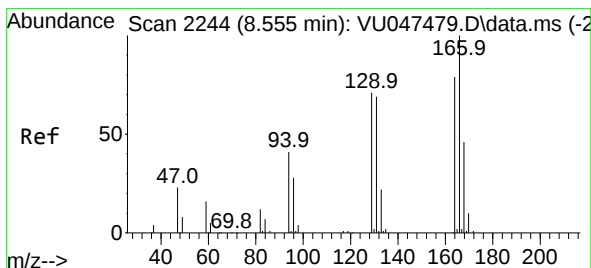
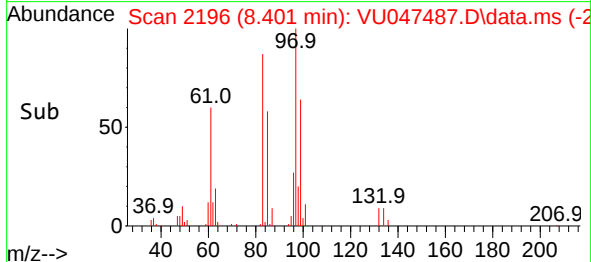
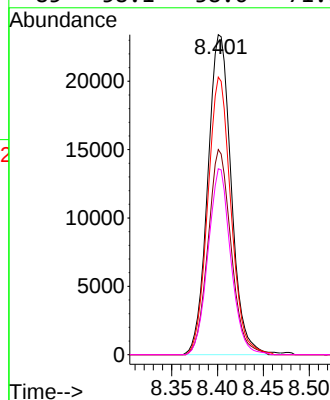
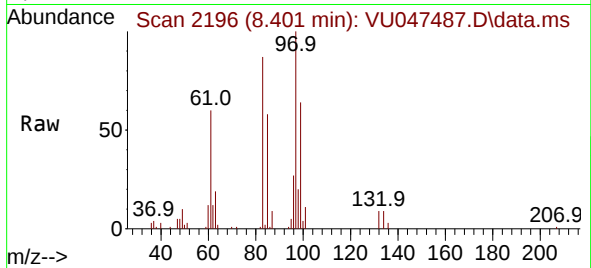


#45
1,1,2-Trichloroethane
Concen: 5.573 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU047487.D
Acq: 11 Mar 2022 13:14

Instrument :
MSVOA_U
ClientSampleId :
H4685MS

Tgt Ion: 97 Resp: 41753

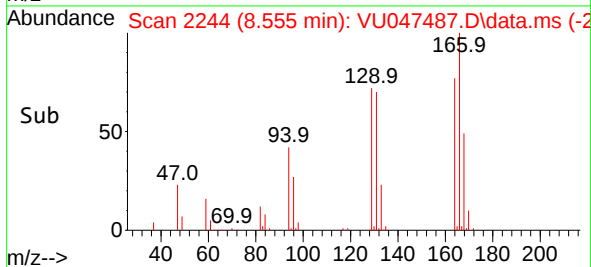
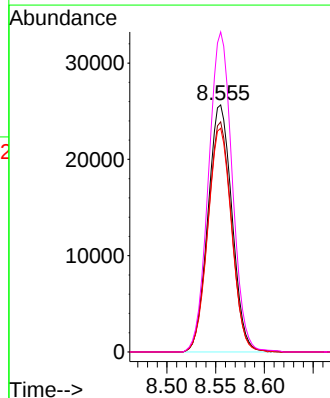
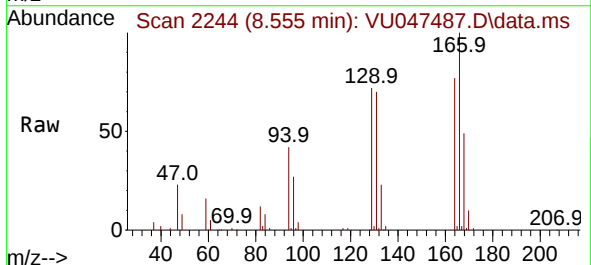
Ion	Ratio	Lower	Upper
97	100		
99	64.1	43.3	80.5
83	86.8	59.1	109.9
85	58.1	38.6	71.6

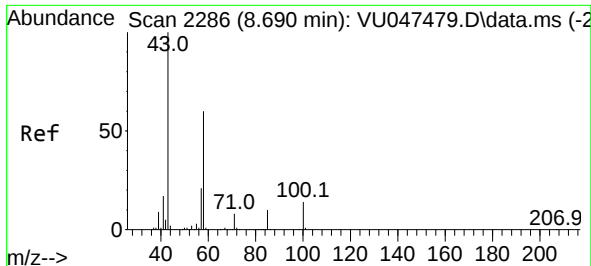


#47
Tetrachloroethene
Concen: 5.293 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047487.D
Acq: 11 Mar 2022 13:14

Tgt Ion: 164 Resp: 44061

Ion	Ratio	Lower	Upper
164	100		
129	93.1	64.9	120.5
131	90.5	63.6	118.2
166	129.5	91.4	169.8

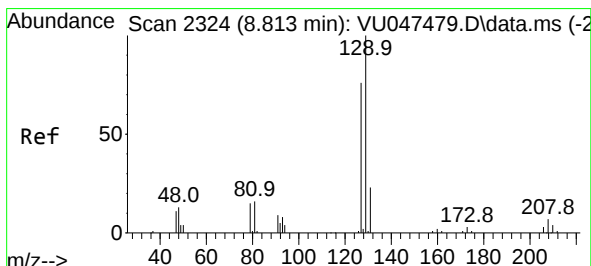
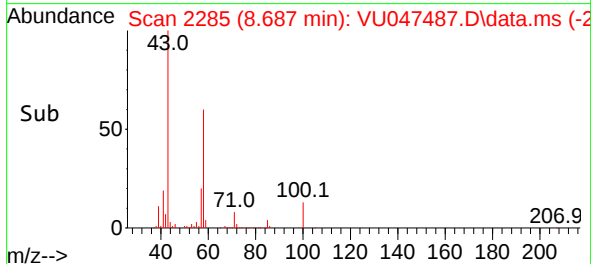
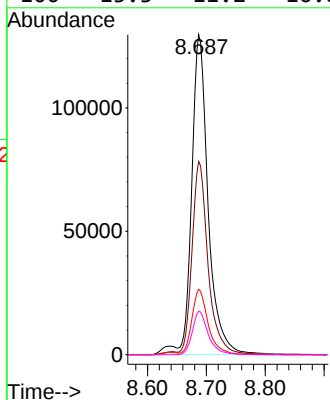
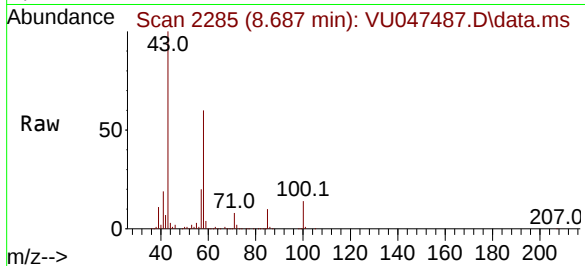




#48
2-Hexanone
Concen: 54.848 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047487.D
Acq: 11 Mar 2022 13:14

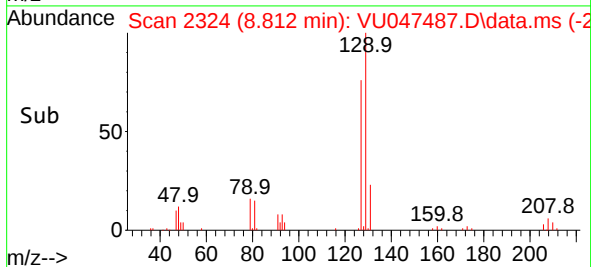
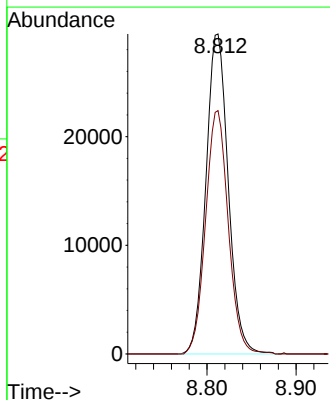
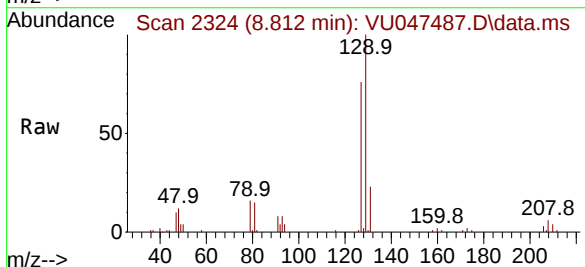
Instrument :
MSVOA_U
ClientSampleId :
H4685MS

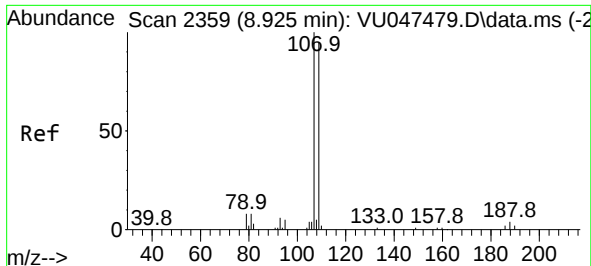
Tgt Ion: 43 Resp: 247983
Ion Ratio Lower Upper
43 100
58 59.1 47.7 71.5
57 20.7 16.6 25.0
100 13.3 11.2 16.8



#49
Dibromochloromethane
Concen: 5.634 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU047487.D
Acq: 11 Mar 2022 13:14

Tgt Ion: 129 Resp: 51276
Ion Ratio Lower Upper
129 100
127 76.0 52.6 97.8





#50

1,2-Dibromoethane

Concen: 5.347 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047487.D

Acq: 11 Mar 2022 13:14

Instrument :

MSVOA_U

ClientSampleId :

H4685MS

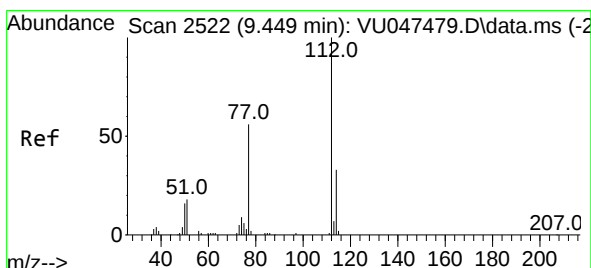
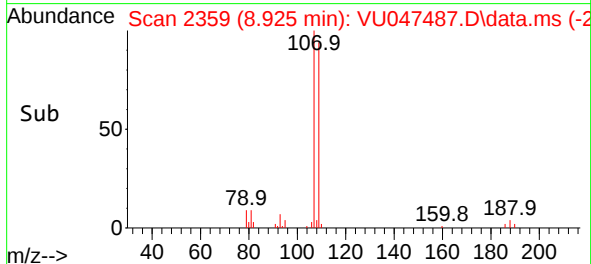
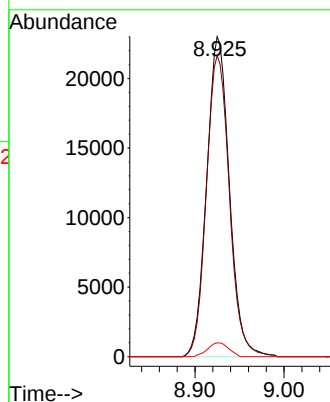
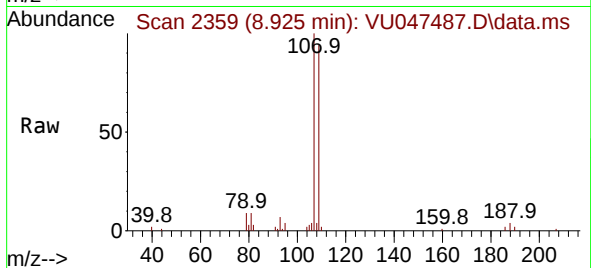
Tgt Ion:107 Resp: 40762

Ion Ratio Lower Upper

107 100

109 94.2 65.8 122.2

188 4.3 3.3 4.9



#51

Chlorobenzene

Concen: 5.372 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.003 min

Lab File: VU047487.D

Acq: 11 Mar 2022 13:14

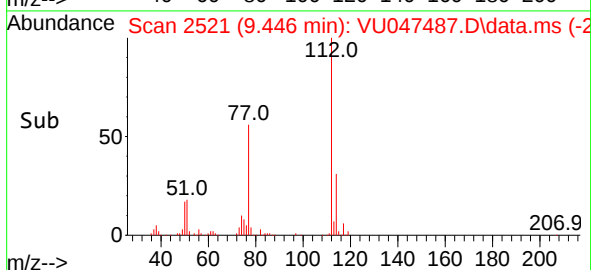
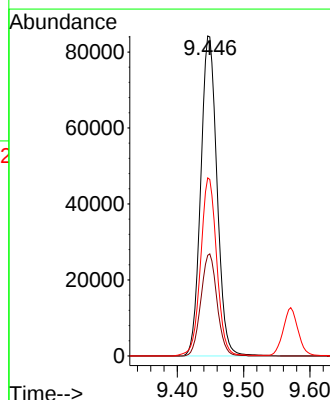
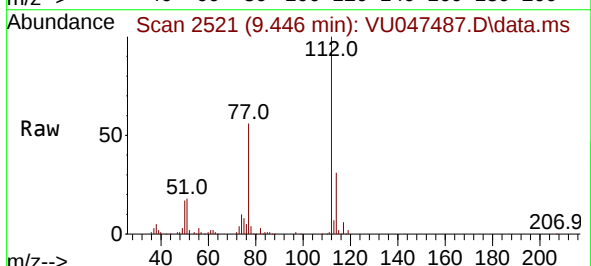
Tgt Ion:112 Resp: 143303

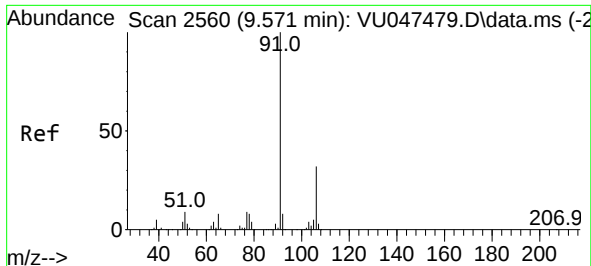
Ion Ratio Lower Upper

112 100

114 31.4 22.8 42.4

77 55.7 45.0 67.6





#52

Ethylbenzene

Concen: 5.229 ug/L

RT: 9.571 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047487.D

Acq: 11 Mar 2022 13:14

Instrument :

MSVOA_U

ClientSampleId :

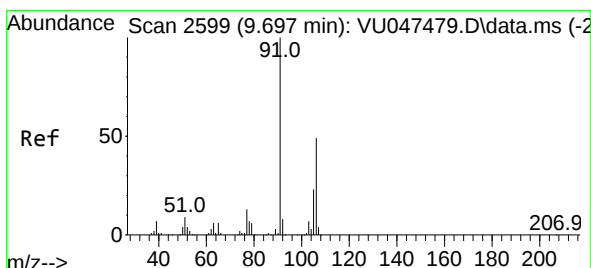
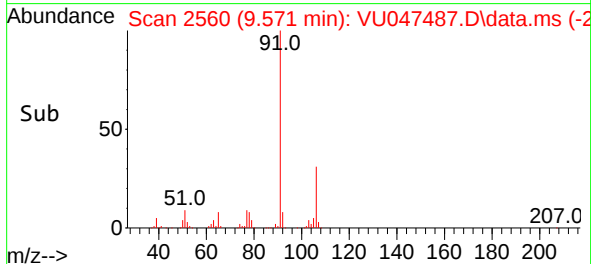
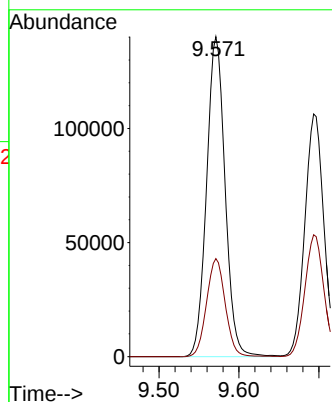
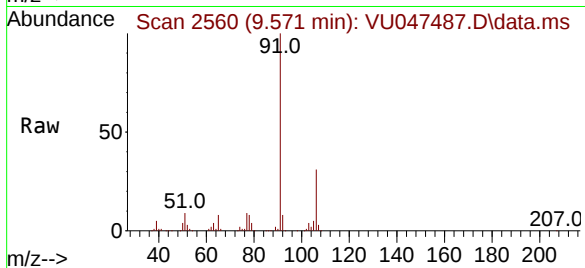
H4685MS

Tgt Ion: 91 Resp: 225832

Ion Ratio Lower Upper

91 100

106 30.6 22.4 41.6



#53

m,p-Xylene

Concen: 5.199 ug/L

RT: 9.693 min Scan# 2598

Delta R.T. -0.003 min

Lab File: VU047487.D

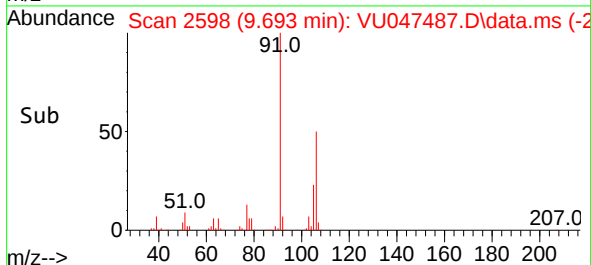
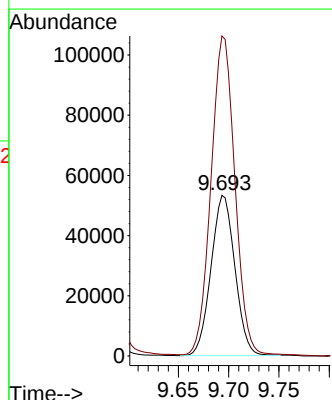
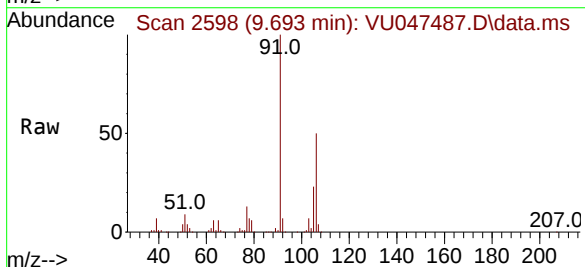
Acq: 11 Mar 2022 13:14

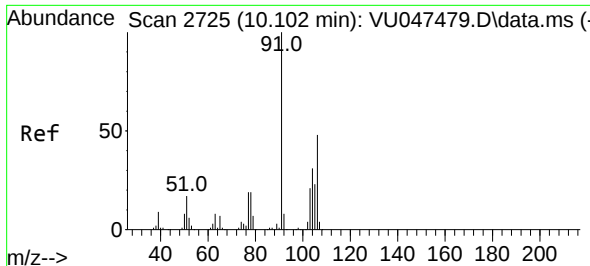
Tgt Ion: 106 Resp: 88077

Ion Ratio Lower Upper

106 100

91 199.1 138.8 257.8

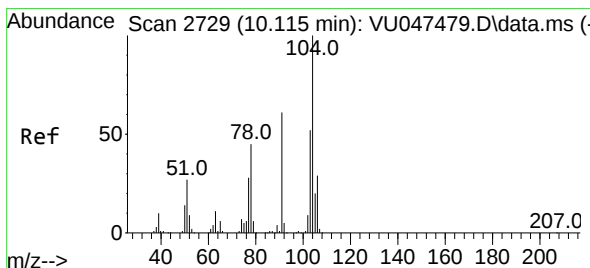
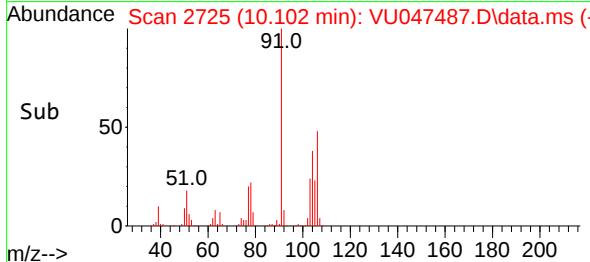
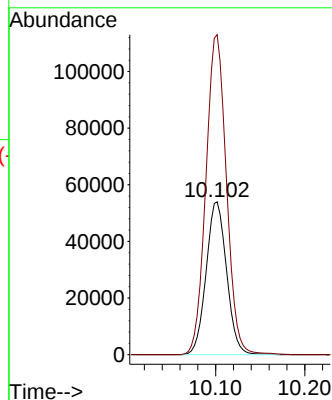
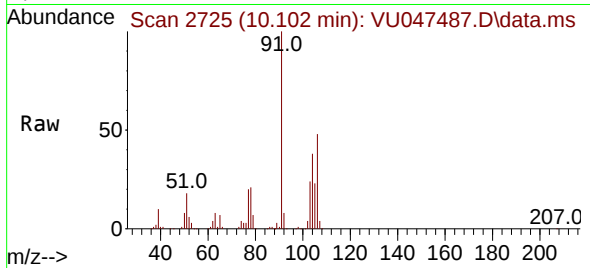




#54
o-Xylene
Concen: 5.244 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU047487.D
Acq: 11 Mar 2022 13:14

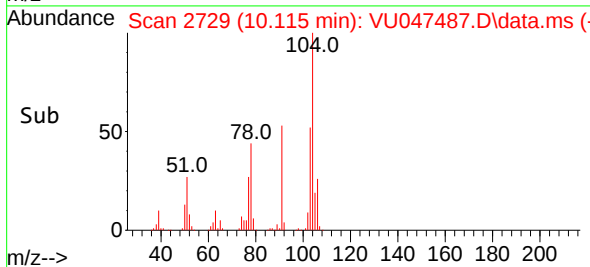
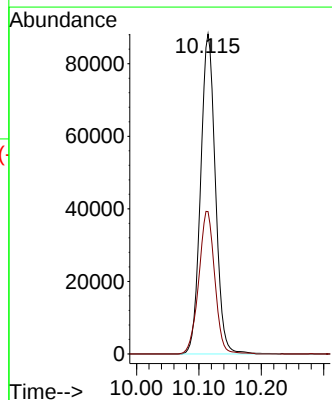
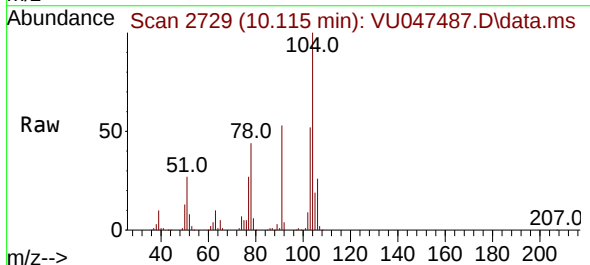
Instrument :
MSVOA_U
ClientSampleId :
H4685MS

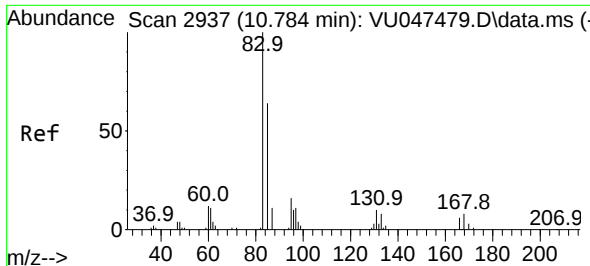
Tgt Ion:106 Resp: 86077
Ion Ratio Lower Upper
106 100
91 209.5 149.2 277.0



#55
Styrene
Concen: 5.248 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU047487.D
Acq: 11 Mar 2022 13:14

Tgt Ion:104 Resp: 145623
Ion Ratio Lower Upper
104 100
78 44.5 30.4 56.4

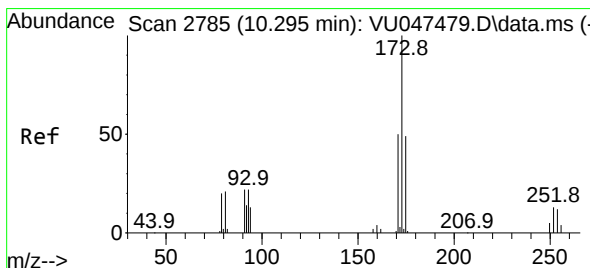
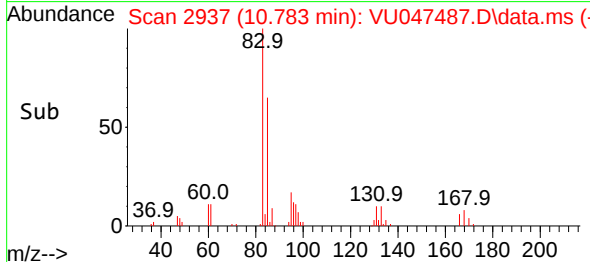
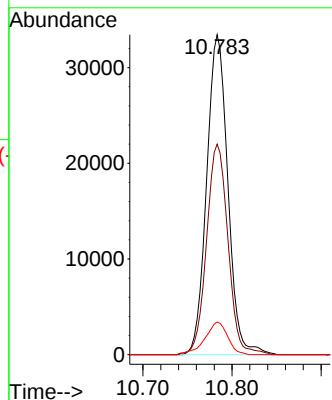
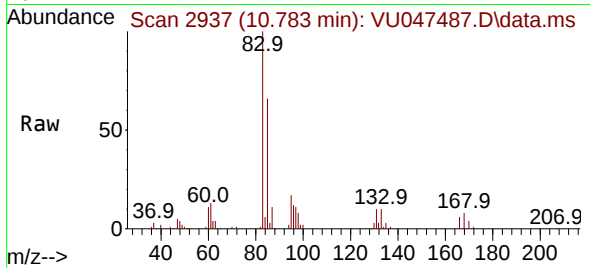




#57
1,1,2,2-Tetrachloroethane
Concen: 5.504 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047487.D
Acq: 11 Mar 2022 13:14

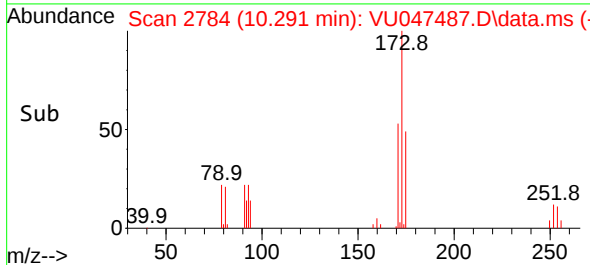
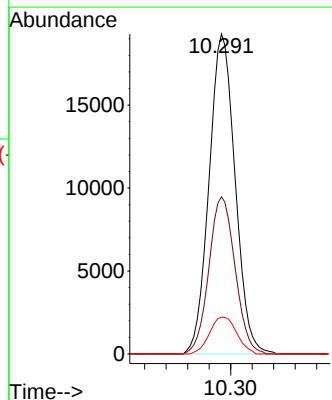
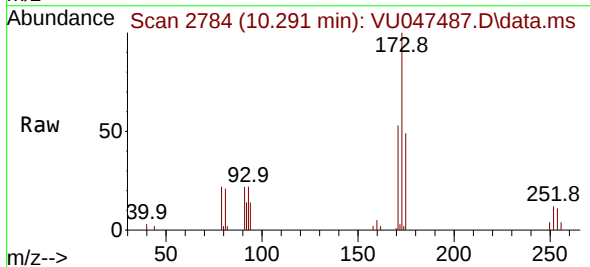
Instrument :
MSVOA_U
ClientSampleId :
H4685MS

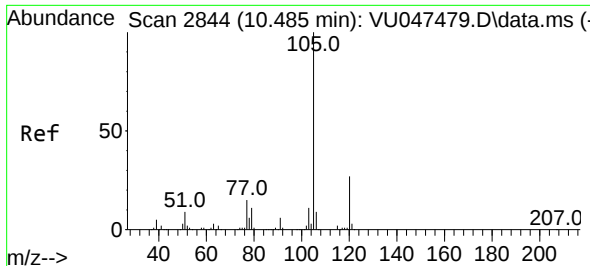
Tgt Ion: 83 Resp: 55202
Ion Ratio Lower Upper
83 100
85 65.8 46.0 85.4
131 10.2 8.2 12.4



#59
Bromoform
Concen: 5.692 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.003 min
Lab File: VU047487.D
Acq: 11 Mar 2022 13:14

Tgt Ion: 173 Resp: 32399
Ion Ratio Lower Upper
173 100
175 49.4 38.7 58.1
254 12.0 9.0 13.4

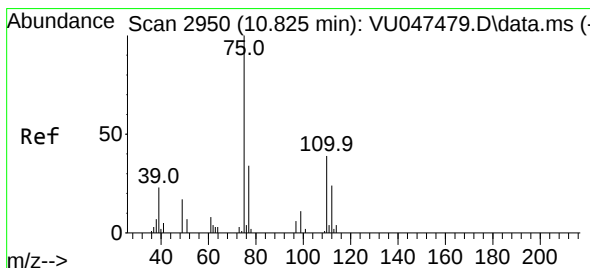
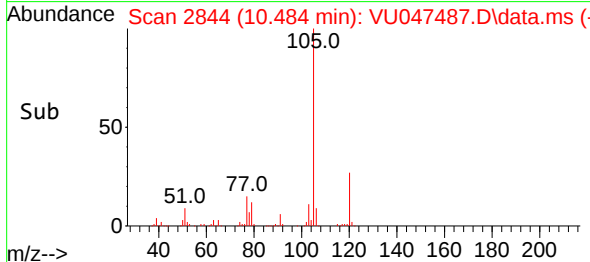
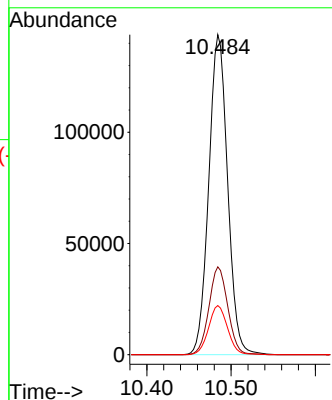
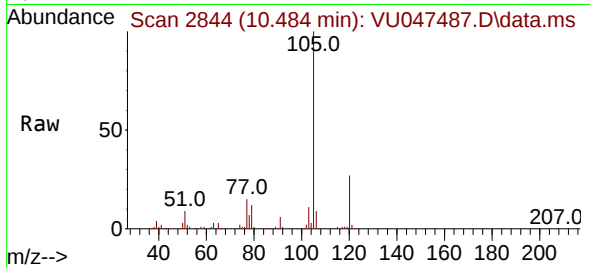




#60
Isopropylbenzene
Concen: 5.291 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU047487.D
Acq: 11 Mar 2022 13:14

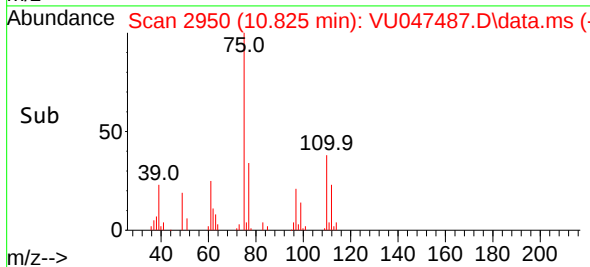
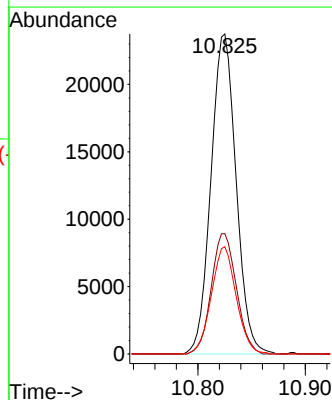
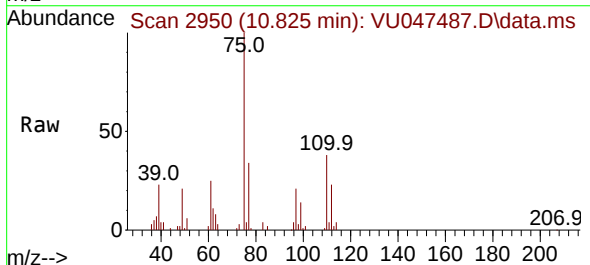
Instrument :
MSVOA_U
ClientSampleId :
H4685MS

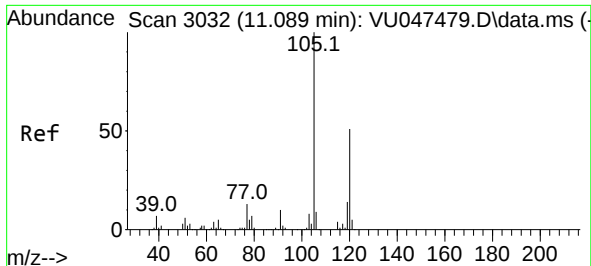
Tgt Ion:105 Resp: 223786
Ion Ratio Lower Upper
105 100
120 27.5 21.8 32.6
77 15.5 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 5.509 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU047487.D
Acq: 11 Mar 2022 13:14

Tgt Ion: 75 Resp: 38575
Ion Ratio Lower Upper
75 100
110 37.5 31.0 46.4
77 33.2 26.2 39.4

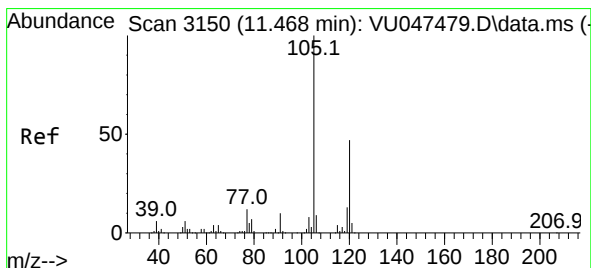
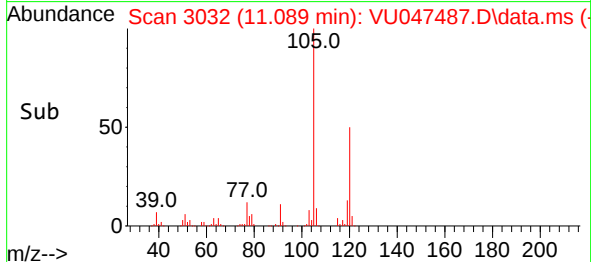
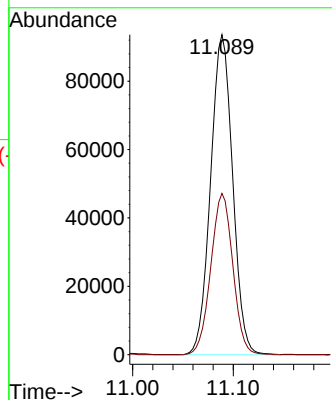
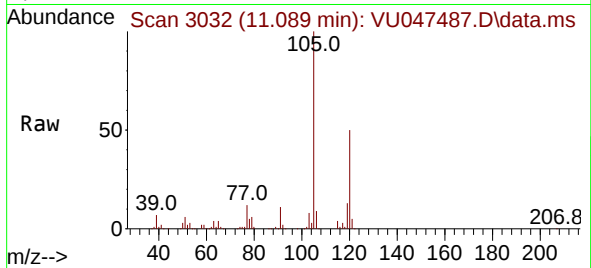




#62
1,3,5-Trimethylbenzene
Concen: 5.139 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU047487.D
Acq: 11 Mar 2022 13:14

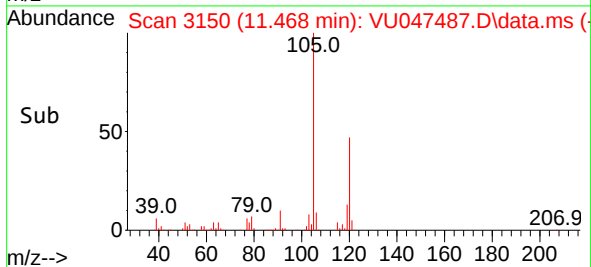
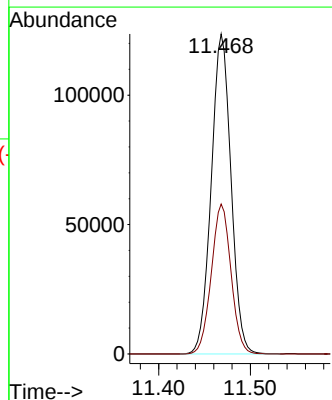
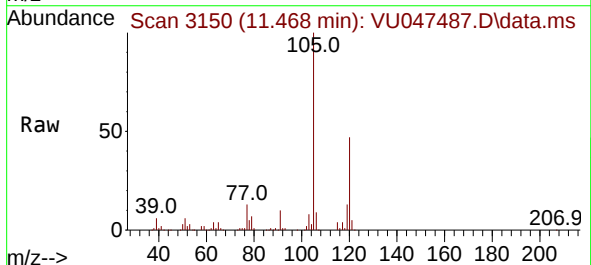
Instrument :
MSVOA_U
ClientSampleId :
H4685MS

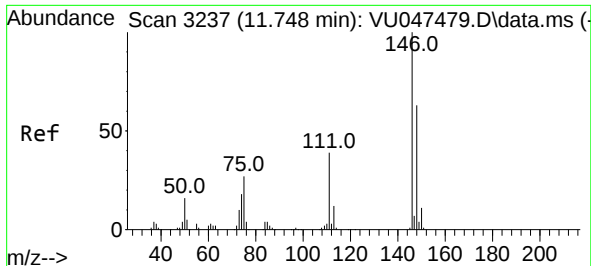
Tgt Ion:105 Resp: 142579
Ion Ratio Lower Upper
105 100
120 50.3 40.1 60.1



#63
1,2,4-Trimethylbenzene
Concen: 5.140 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU047487.D
Acq: 11 Mar 2022 13:14

Tgt Ion:105 Resp: 184974
Ion Ratio Lower Upper
105 100
120 46.6 37.2 55.8

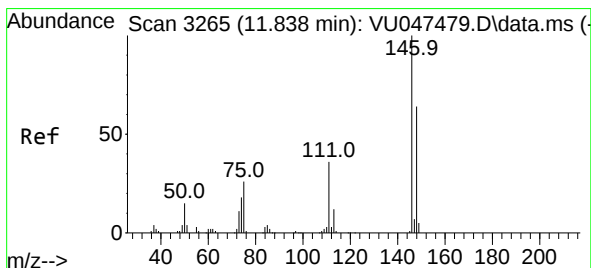
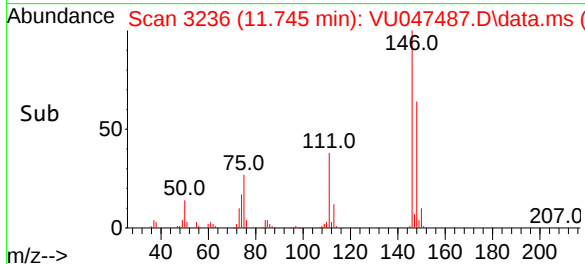
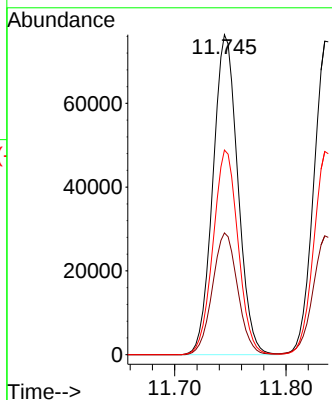
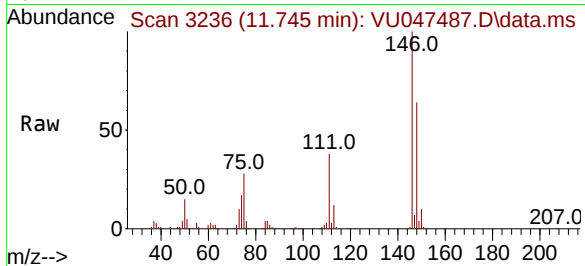




#64
1,3-Dichlorobenzene
Concen: 5.295 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU047487.D
Acq: 11 Mar 2022 13:14

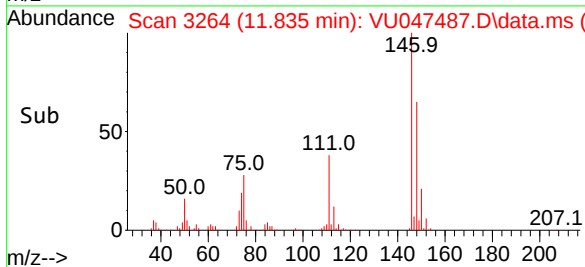
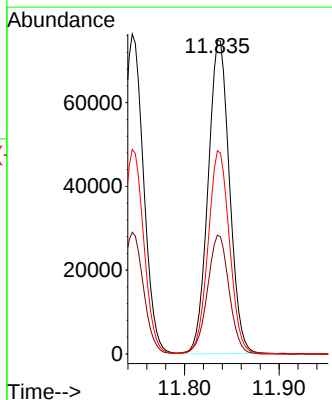
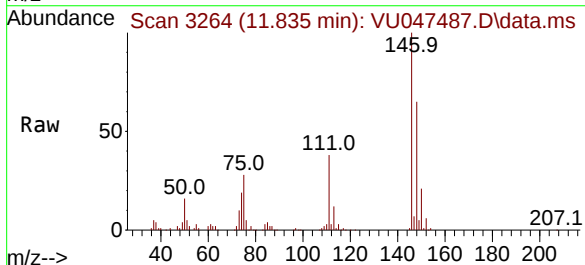
Instrument :
MSVOA_U
ClientSampleId :
H4685MS

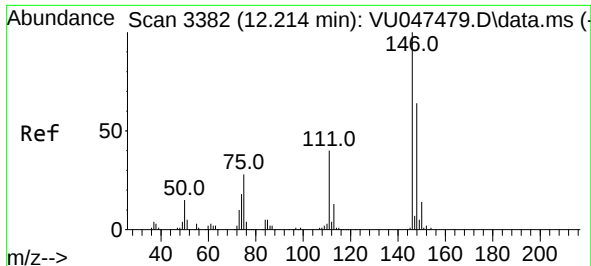
Tgt Ion:146 Resp: 118708
Ion Ratio Lower Upper
146 100
111 38.1 27.0 50.2
148 63.9 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 5.165 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU047487.D
Acq: 11 Mar 2022 13:14

Tgt Ion:146 Resp: 117586
Ion Ratio Lower Upper
146 100
111 37.9 26.1 48.5
148 64.8 45.6 84.6





#67

1,2-Dichlorobenzene

Concen: 5.386 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU047487.D

Acq: 11 Mar 2022 13:14

Instrument :

MSVOA_U

ClientSampleId :

H4685MS

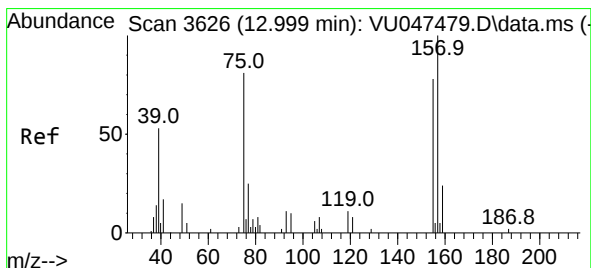
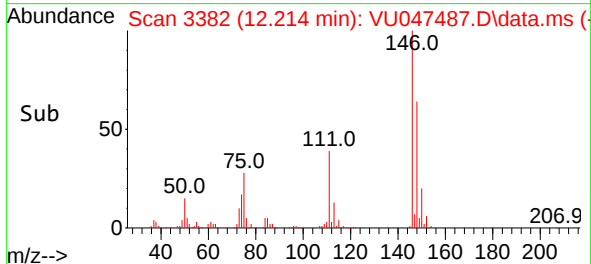
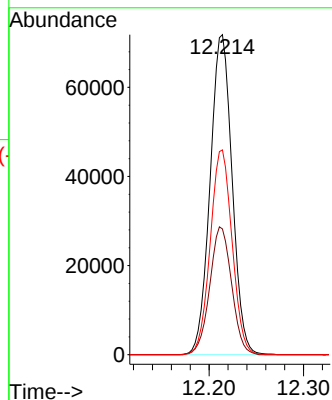
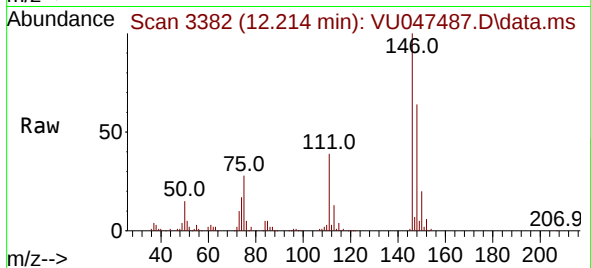
Tgt Ion:146 Resp: 116031

Ion Ratio Lower Upper

146 100

111 39.3 31.9 47.9

148 64.0 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.685 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU047487.D

Acq: 11 Mar 2022 13:14

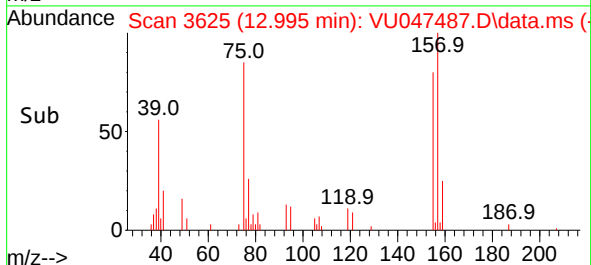
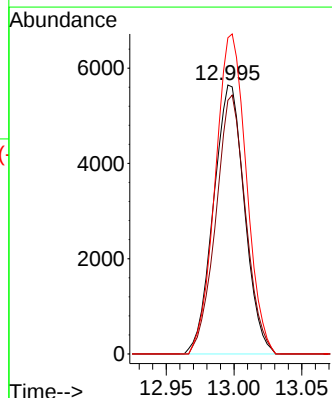
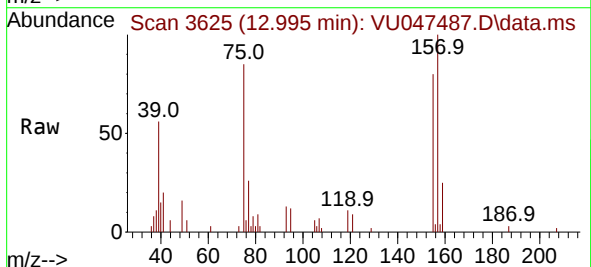
Tgt Ion: 75 Resp: 8975

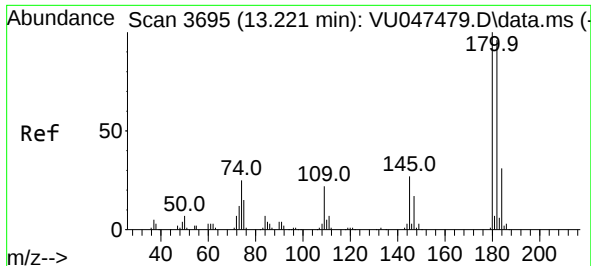
Ion Ratio Lower Upper

75 100

155 94.3 71.3 106.9

157 117.6 88.6 132.8





#69

1,3,5-Trichlorobenzene

Concen: 5.301 ug/L

RT: 13.220 min Scan# 3695

Delta R.T. -0.000 min

Lab File: VU047487.D

Acq: 11 Mar 2022 13:14

Instrument :

MSVOA_U

ClientSampleId :

H4685MS

Tgt Ion:180 Resp: 97479

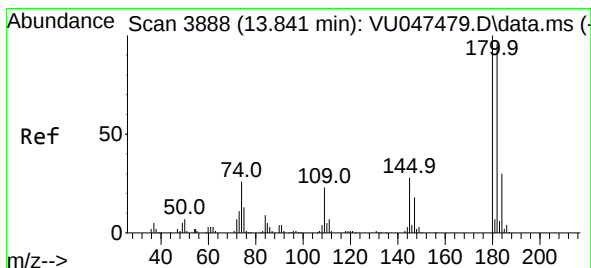
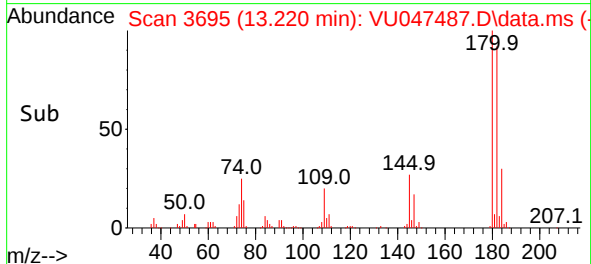
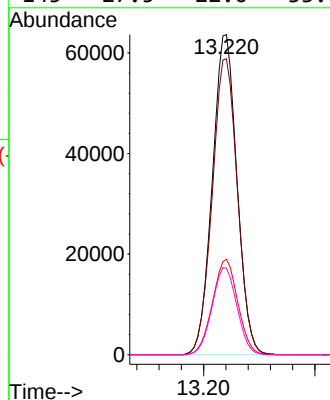
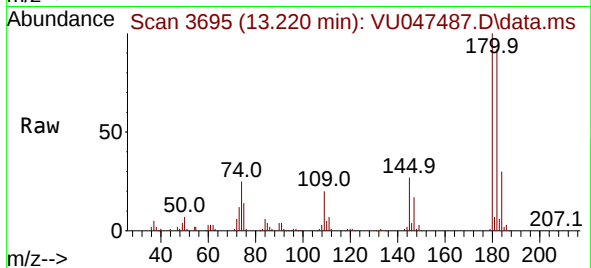
Ion Ratio Lower Upper

180 100

182 94.5 77.1 115.7

184 30.6 25.0 37.4

145 27.5 22.0 33.0



#70

1,2,4-trichlorobenzene

Concen: 5.118 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU047487.D

Acq: 11 Mar 2022 13:14

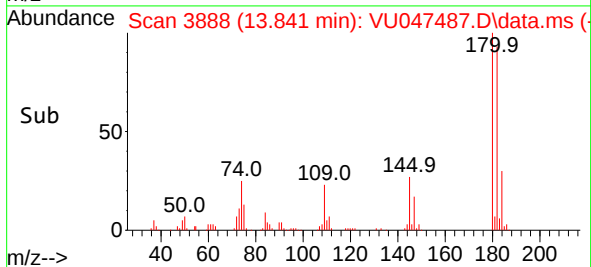
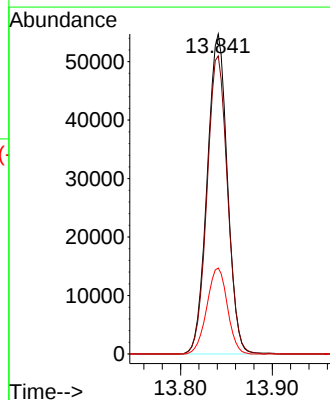
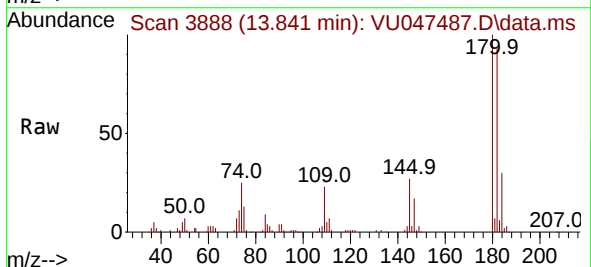
Tgt Ion:180 Resp: 83888

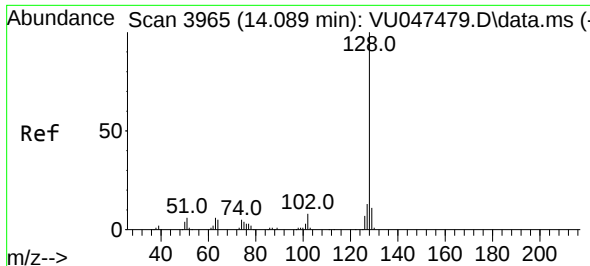
Ion Ratio Lower Upper

180 100

182 94.2 76.6 114.8

145 27.2 22.4 33.6

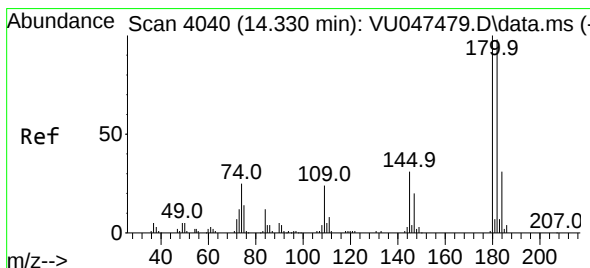
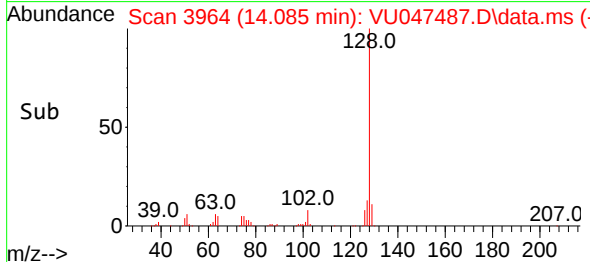
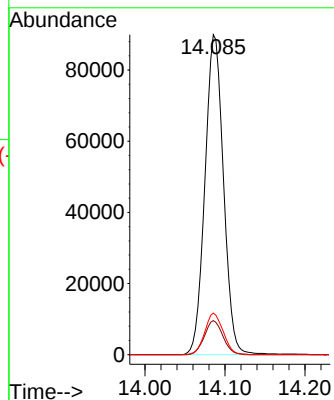
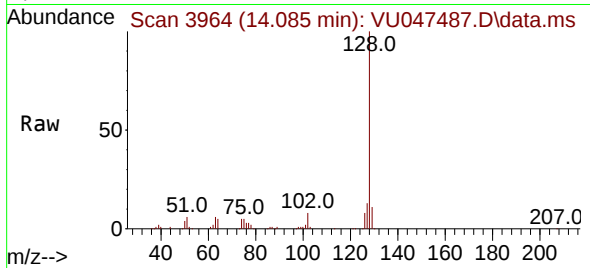




#71
Naphthalene
Concen: 4.951 ug/L
RT: 14.085 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU047487.D
Acq: 11 Mar 2022 13:14

Instrument :
MSVOA_U
ClientSampleId :
H4685MS

Tgt Ion:128 Resp: 145140
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 12.9 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.148 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047487.D
Acq: 11 Mar 2022 13:14

Tgt Ion:180 Resp: 77365
Ion Ratio Lower Upper
180 100
182 95.7 77.0 115.6
145 29.7 23.4 35.2

