

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102021\
 Data File : VU045344.D
 Acq On : 20 Oct 2021 14:18
 Operator : SY/MD
 Sample : MDL04
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 21 01:59:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 21 01:57:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	295565	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	302098	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	135941	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	51814	40.242	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.480%
7) Chloroethane-d5	1.871	69	21008	17.074	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	34.140%#
11) 1,1-Dichloroethene-d2	2.549	63	69532	27.122	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.240%#
21) 2-Butanone-d5	4.633	46	211122	109.851	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.850%
24) Chloroform-d	5.063	84	156463	45.692	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.380%
26) 1,2-Dichloroethane-d4	5.703	65	114271	48.820	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.640%
32) Benzene-d6	5.726	84	263736	46.416	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.840%
36) 1,2-Dichloropropane-d6	6.694	67	106913	48.404	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.800%
41) Toluene-d8	7.899	98	214159	44.188	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.380%
43) trans-1,3-Dichloroprop...	8.182	79	53173	47.427	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.860%
47) 2-Hexanone-d5	8.642	63	169721	122.465	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	122.460%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	236886	56.731	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.460%
66) 1,2-Dichlorobenzene-d4	12.198	152	125451	53.189	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	4363	2.025	ug/L	96
3) Chloromethane	1.520	50	6436	2.640	ug/L	93
5) Vinyl chloride	1.604	62	5868	2.176	ug/L #	34
6) Bromomethane	1.826	94	1714	1.201	ug/L	98
9) Trichlorofluoromethane	2.102	101	5950	1.814	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	4791	2.298	ug/L	89
12) 1,1-Dichloroethene	2.559	96	4211	2.191	ug/L #	1
13) Acetone	2.642	43	7812	3.491	ug/L	97
14) Carbon disulfide	2.774	76	10519	1.991	ug/L #	91
15) Methyl Acetate	2.954	43	6831	2.462	ug/L	96
16) Methylene chloride	3.041	84	7152	2.889	ug/L	99
17) trans-1,2-Dichloroethene	3.346	96	4090	1.984	ug/L	95
18) Methyl tert-butyl Ether	3.372	73	15773	2.194	ug/L	98
19) 1,1-Dichloroethane	3.864	63	8881	2.105	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	4928	2.086	ug/L	98
22) 2-Butanone	4.723	43	9583	3.883	ug/L	94
23) Bromochloromethane	4.977	128	2492	2.142	ug/L	93
25) Chloroform	5.089	83	12322	2.869	ug/L	99
27) 1,2-Dichloroethane	5.797	62	8354	2.435	ug/L	98

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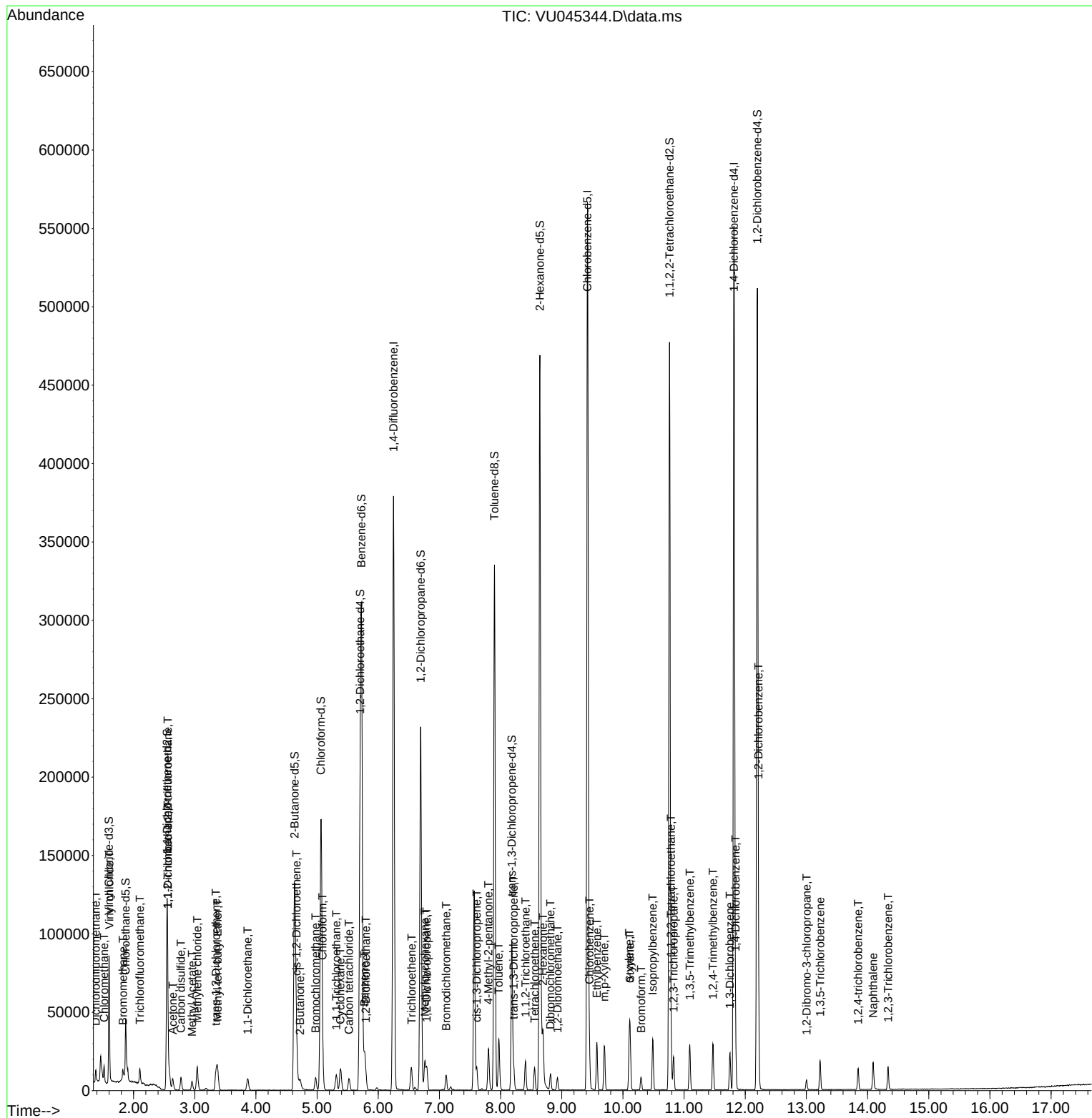
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.382	56	7089	1.976	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	6976	1.957	ug/L	96
31) Carbon tetrachloride	5.520	117	5100	1.853	ug/L	99
33) Benzene	5.774	78	19872	2.113	ug/L	100
34) Trichloroethene	6.546	95	4326	1.865	ug/L	92
35) Methylcyclohexane	6.764	83	6905	1.896	ug/L	100
37) 1,2-Dichloropropane	6.793	63	5670	2.217	ug/L #	91
38) Bromodichloromethane	7.112	83	6644	2.008	ug/L	96
39) cis-1,3-Dichloropropene	7.610	75	8078	2.109	ug/L	96
40) 4-Methyl-2-pentanone	7.803	43	18163	4.656	ug/L	100
42) Toluene	7.970	91	22728	2.317	ug/L	98
44) trans-1,3-Dichloropropene	8.214	75	7880	2.152	ug/L	92
45) 1,1,2-Trichloroethane	8.407	97	6031	2.460	ug/L	96
46) Tetrachloroethene	8.555	164	3121	1.943	ug/L	97
48) 2-Hexanone	8.693	43	20017	6.078	ug/L	96
49) Dibromochloromethane	8.816	129	5277	2.210	ug/L	93
50) 1,2-Dibromoethane	8.931	107	5513	2.184	ug/L #	95
51) Chlorobenzene	9.452	112	13118	2.111	ug/L	99
52) Ethylbenzene	9.574	91	20937	1.966	ug/L	97
53) m,p-Xylene	9.697	106	7939	1.963	ug/L	100
54) o-xylene	10.105	106	8087	1.993	ug/L	95
55) Styrene	10.118	104	13314	1.938	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.787	83	12083	2.790	ug/L #	97
59) Bromoform	10.298	173	3652	2.451	ug/L #	98
60) 1,2,3-Trichloropropane	10.828	75	8839	2.832	ug/L	98
61) Isopropylbenzene	10.488	105	19848	2.138	ug/L	98
62) 1,3,5-Trimethylbenzene	11.092	105	16071	2.093	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	16206	2.084	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	9329	2.219	ug/L	96
65) 1,4-Dichlorobenzene	11.841	146	9977	2.340	ug/L	96
67) 1,2-Dichlorobenzene	12.214	146	10239	2.410	ug/L #	92
68) 1,2-Dibromo-3-chloropr...	13.002	75	1776	2.043	ug/L	96
69) 1,3,5-Trichlorobenzene	13.224	180	5752	1.989	ug/L	97
70) 1,2,4-trichlorobenzene	13.844	180	4354	1.796	ug/L	99
71) Naphthalene	14.092	128	15020	1.853	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	4627	1.910	ug/L	98

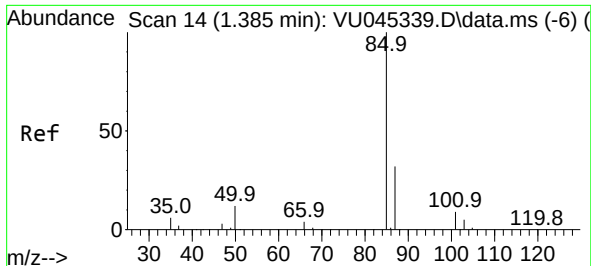
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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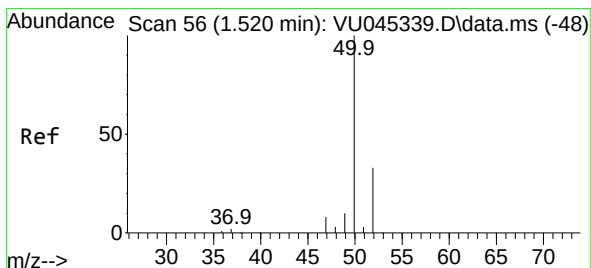
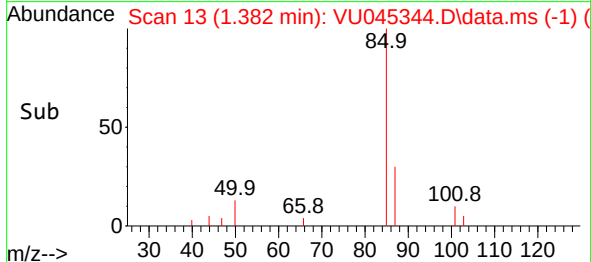
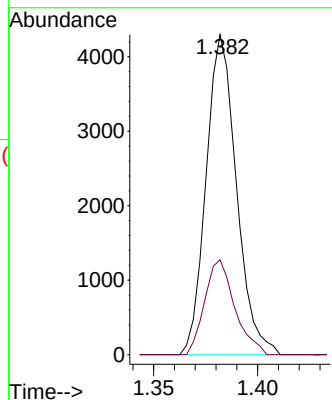
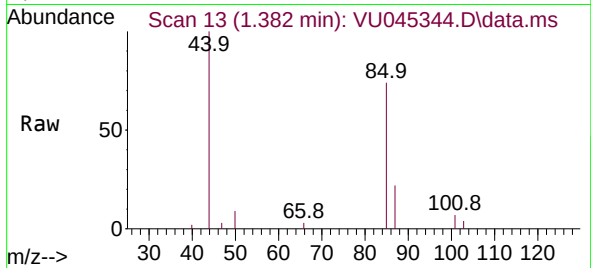




#2
Dichlorodifluoromethane
Concen: 2.025 ug/L
RT: 1.382 min Scan# 13
Delta R.T. -0.003 min
Lab File: VU045344.D
Acq: 20 Oct 2021 14:18

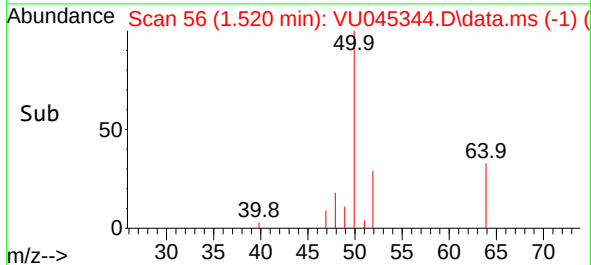
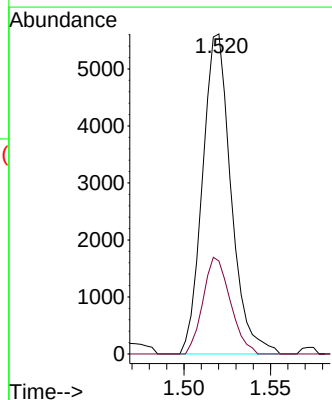
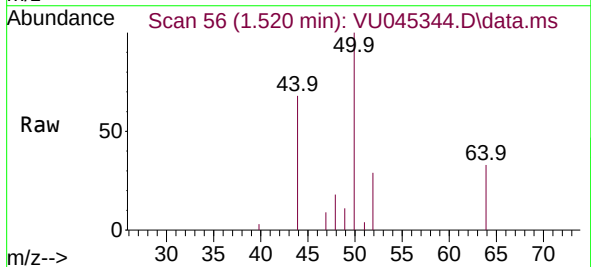
Instrument :
MSVOA_U
ClientSampled :

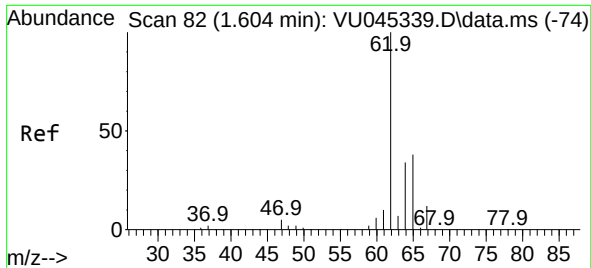
Tgt Ion: 85 Resp: 4363
Ion Ratio Lower Upper
85 100
87 29.3 25.3 37.9



#3
Chloromethane
Concen: 2.640 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU045344.D
Acq: 20 Oct 2021 14:18

Tgt Ion: 50 Resp: 6436
Ion Ratio Lower Upper
50 100
52 29.0 23.2 43.0

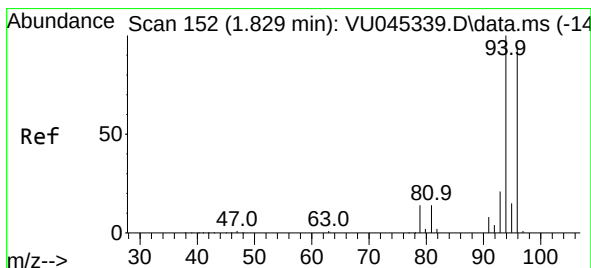
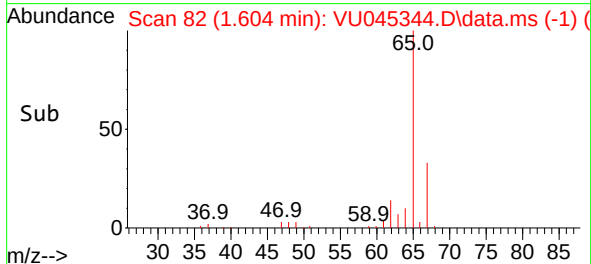
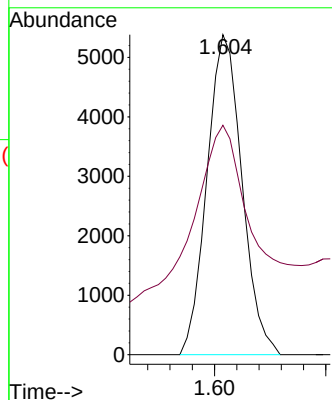
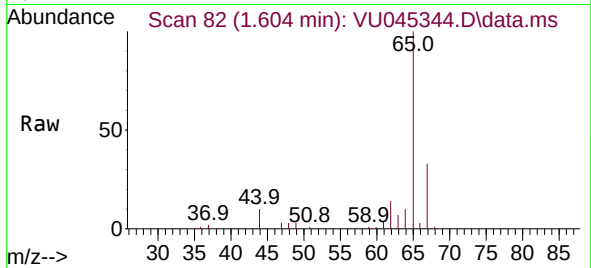




#5
 Vinyl chloride
 Concen: 2.176 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VU045344.D
 Acq: 20 Oct 2021 14:18

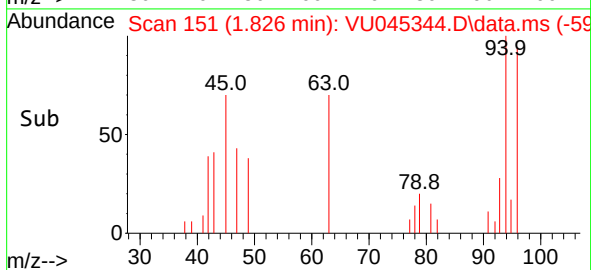
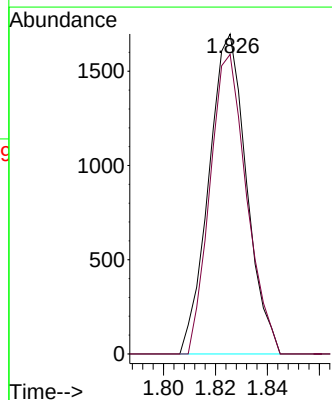
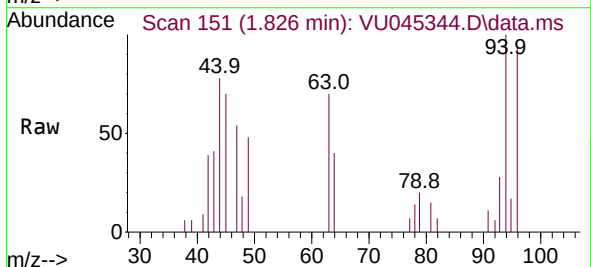
Instrument :
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 ClientSampled :

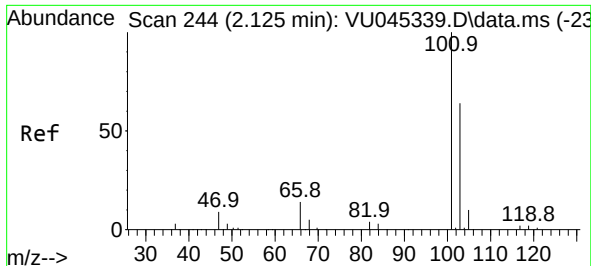
Tgt Ion: 62 Resp: 5868
 Ion Ratio Lower Upper
 62 100
 64 71.7 23.9 44.3#



#6
 Bromomethane
 Concen: 1.201 ug/L
 RT: 1.826 min Scan# 151
 Delta R.T. -0.003 min
 Lab File: VU045344.D
 Acq: 20 Oct 2021 14:18

Tgt Ion: 94 Resp: 1714
 Ion Ratio Lower Upper
 94 100
 96 93.6 64.1 119.1

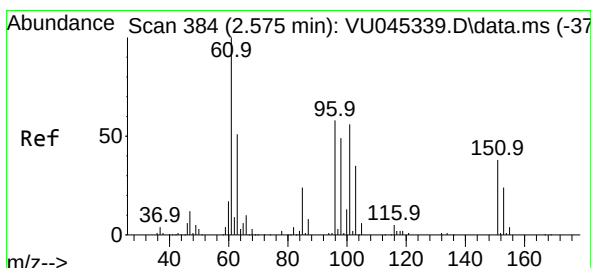
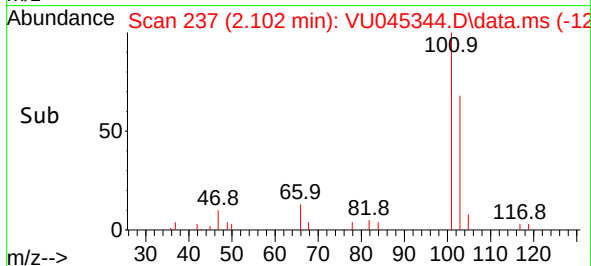
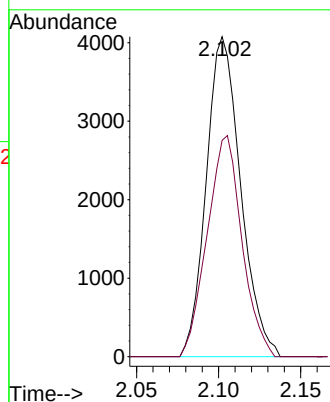
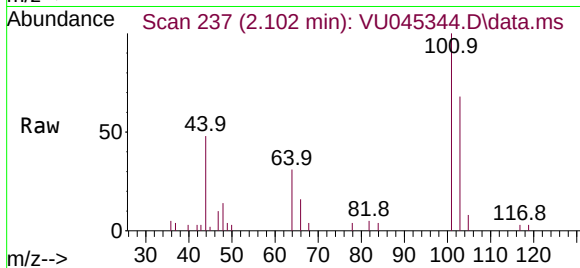




#9
Trichlorofluoromethane
Concen: 1.814 ug/L
RT: 2.102 min Scan# 237
Delta R.T. -0.022 min
Lab File: VU045344.D
Acq: 20 Oct 2021 14:18

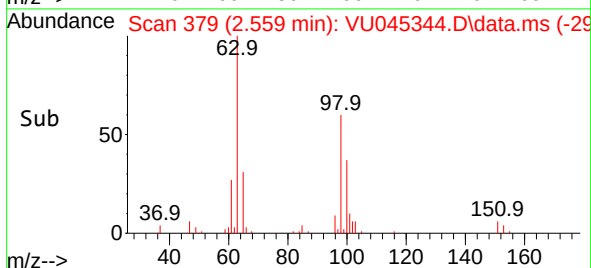
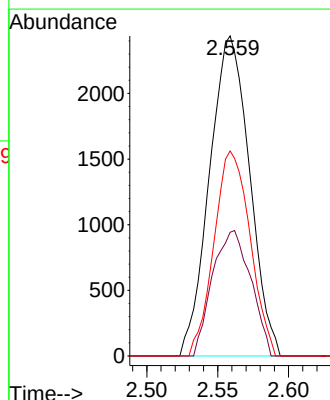
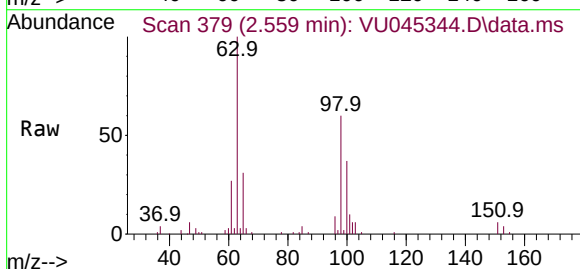
Instrument :
MSVOA_U
ClientSampled :

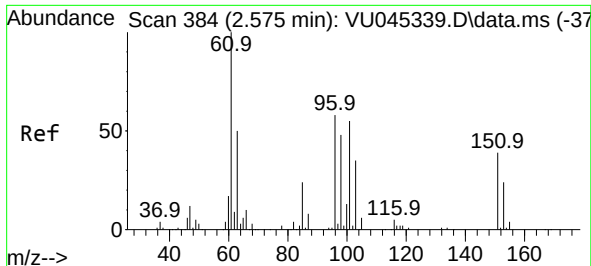
Tgt Ion:101 Resp: 5950
Ion Ratio Lower Upper
101 100
103 69.6 50.8 76.2



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.298 ug/L
RT: 2.559 min Scan# 379
Delta R.T. -0.016 min
Lab File: VU045344.D
Acq: 20 Oct 2021 14:18

Tgt Ion:101 Resp: 4791
Ion Ratio Lower Upper
101 100
85 37.5 35.2 52.8
151 57.8 53.9 80.9

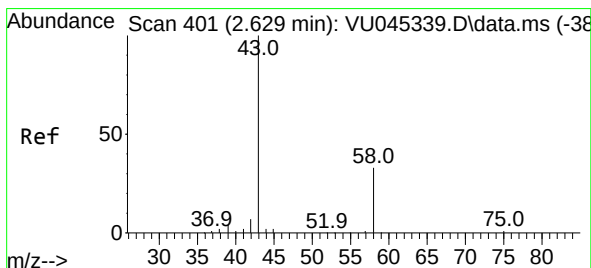
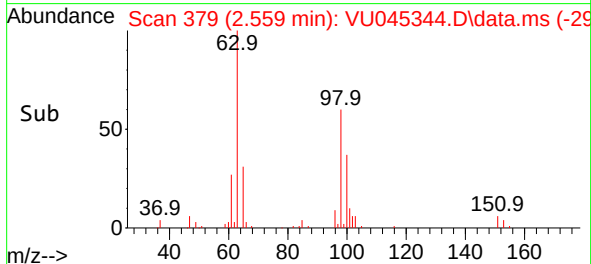
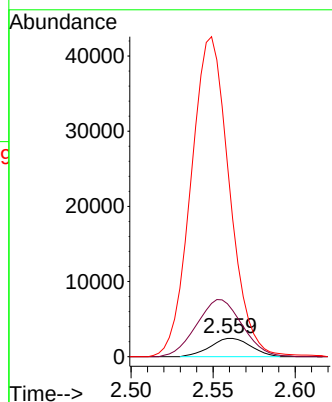
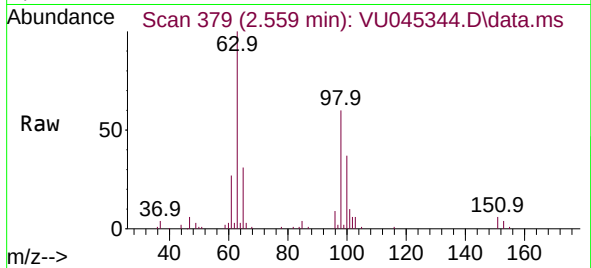




#12
1,1-Dichloroethene
Concen: 2.191 ug/L
RT: 2.559 min Scan# 379
Delta R.T. -0.016 min
Lab File: VU045344.D
Acq: 20 Oct 2021 14:18

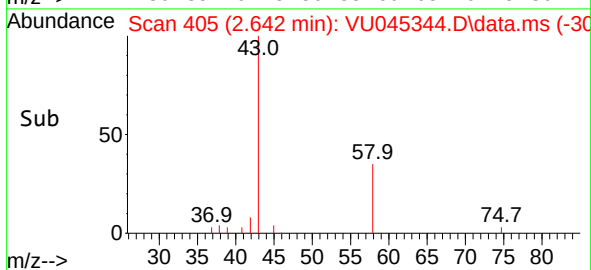
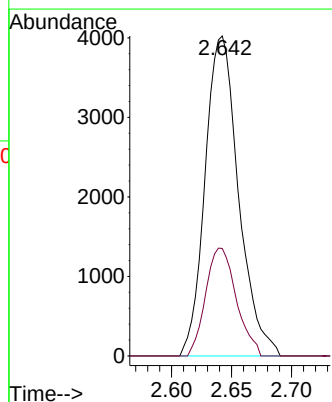
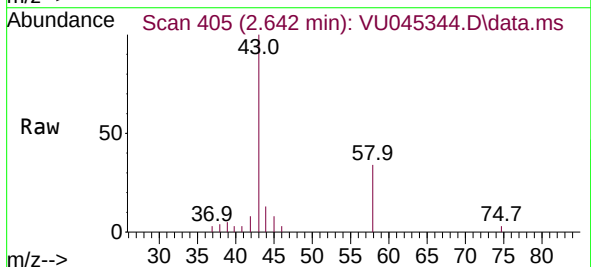
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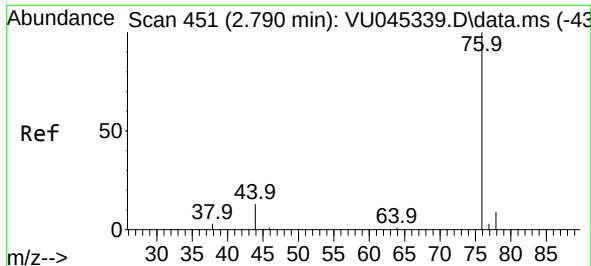
Tgt Ion: 96 Resp: 4211
Ion Ratio Lower Upper
96 100
61 289.4 122.9 228.3#
63 1053.7 65.3 121.3#



#13
Acetone
Concen: 3.491 ug/L
RT: 2.642 min Scan# 405
Delta R.T. 0.013 min
Lab File: VU045344.D
Acq: 20 Oct 2021 14:18

Tgt Ion: 43 Resp: 7812
Ion Ratio Lower Upper
43 100
58 30.8 0.0 64.8

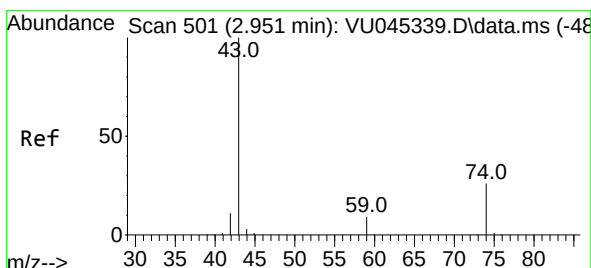
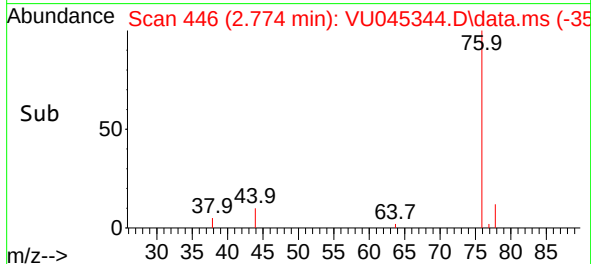
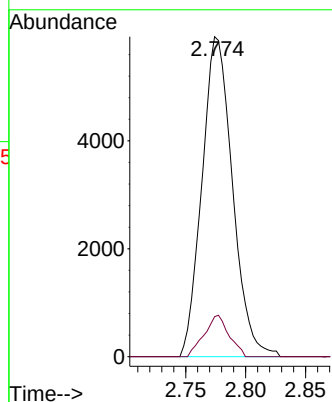
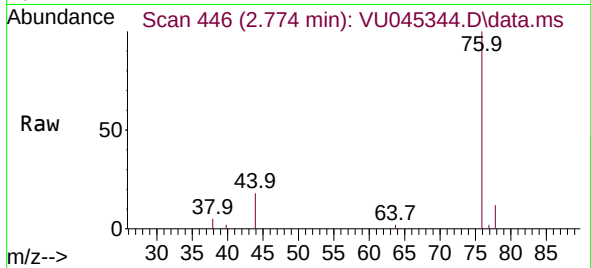




#14
Carbon disulfide
Concen: 1.991 ug/L
RT: 2.774 min Scan# 446
Delta R.T. -0.016 min
Lab File: VU045344.D
Acq: 20 Oct 2021 14:18

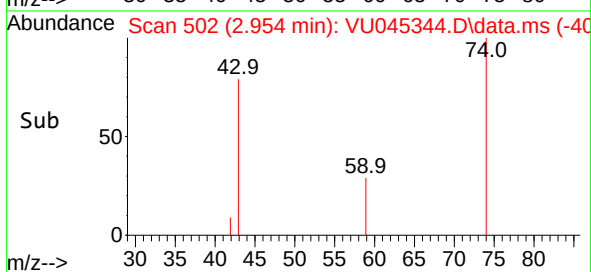
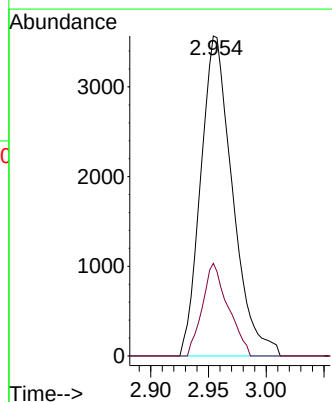
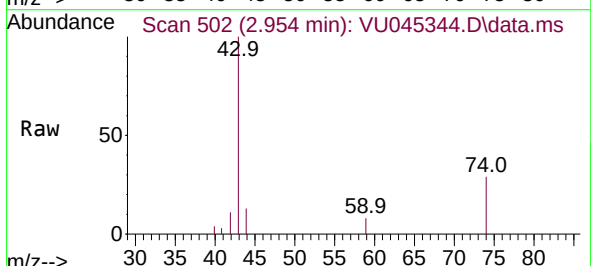
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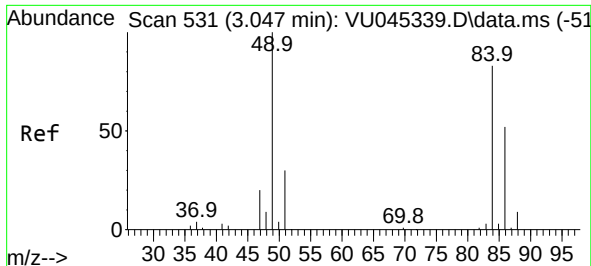
Tgt Ion: 76 Resp: 10519
Ion Ratio Lower Upper
76 100
78 12.5 7.4 11.0#



#15
Methyl Acetate
Concen: 2.462 ug/L
RT: 2.954 min Scan# 502
Delta R.T. 0.003 min
Lab File: VU045344.D
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Tgt Ion: 43 Resp: 6831
Ion Ratio Lower Upper
43 100
74 23.4 20.5 30.7

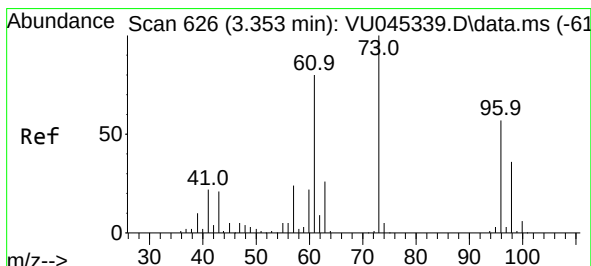
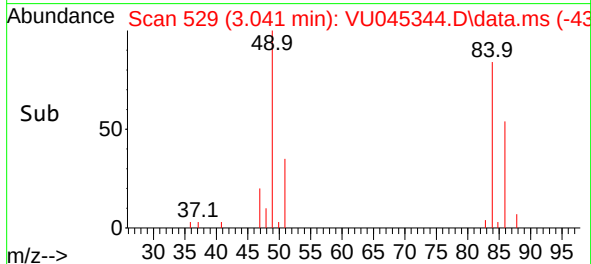
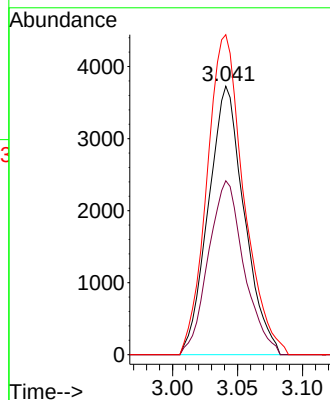
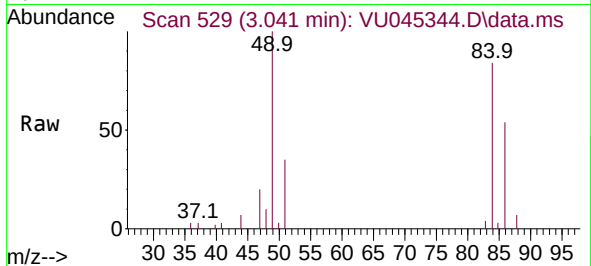




#16
Methylene chloride
Concen: 2.889 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.006 min
Lab File: VU045344.D
Acq: 20 Oct 2021 14:18

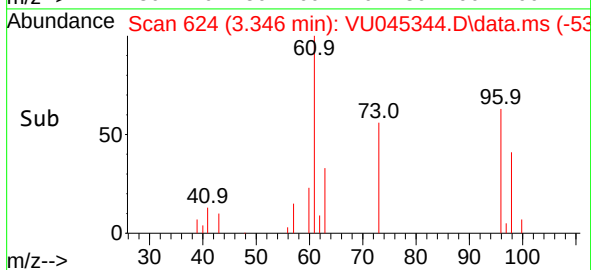
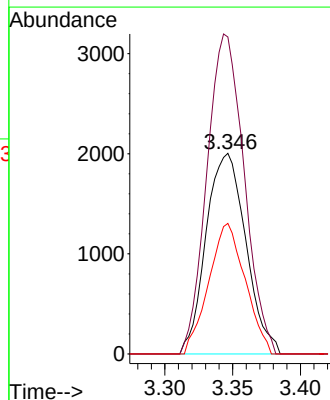
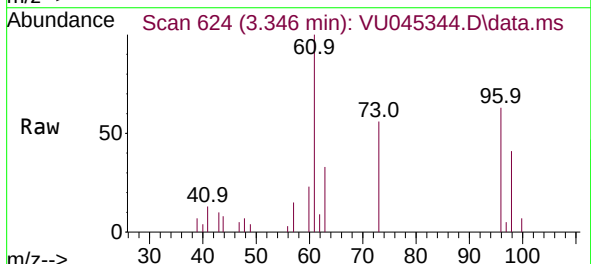
Instrument :
MSVOA_U
ClientSampled :

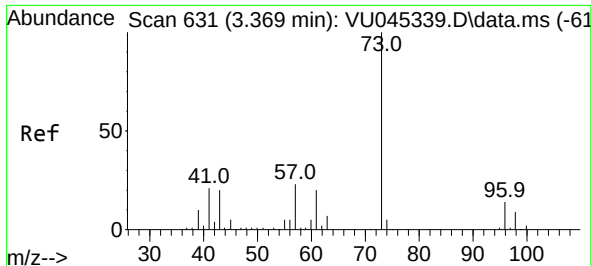
Tgt Ion: 84 Resp: 7152
Ion Ratio Lower Upper
84 100
86 64.8 44.1 81.9
49 119.2 84.2 156.4



#17
trans-1,2-Dichloroethene
Concen: 1.984 ug/L
RT: 3.346 min Scan# 624
Delta R.T. -0.006 min
Lab File: VU045344.D
Acq: 20 Oct 2021 14:18

Tgt Ion: 96 Resp: 4090
Ion Ratio Lower Upper
96 100
61 158.0 104.7 194.4
98 65.1 45.8 85.2

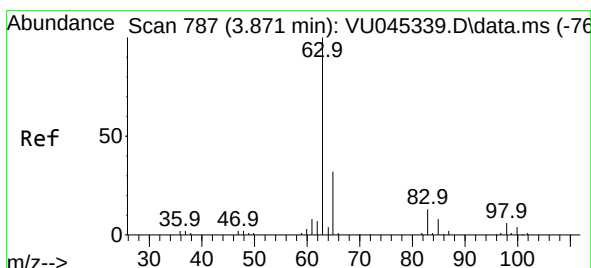
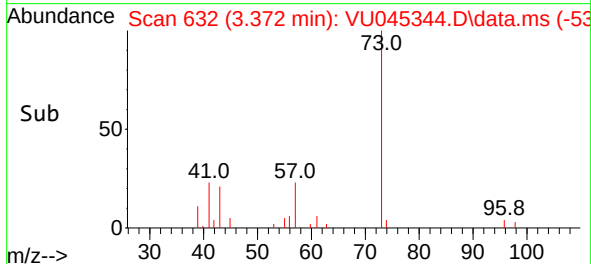
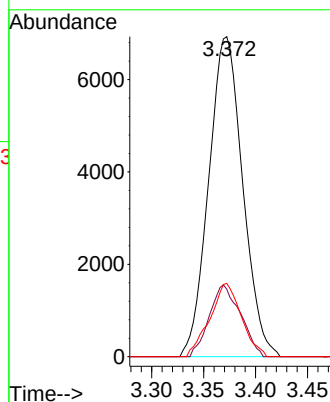
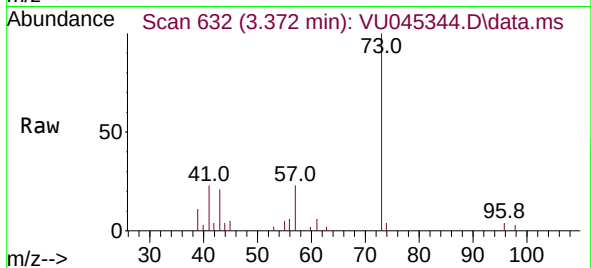




#18
Methyl tert-butyl Ether
Concen: 2.194 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.003 min
Lab File: VU045344.D
Acq: 20 Oct 2021 14:18

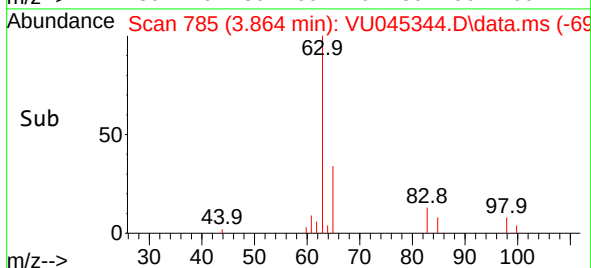
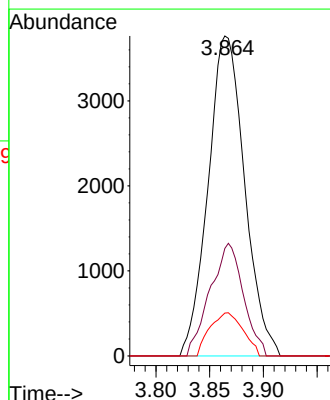
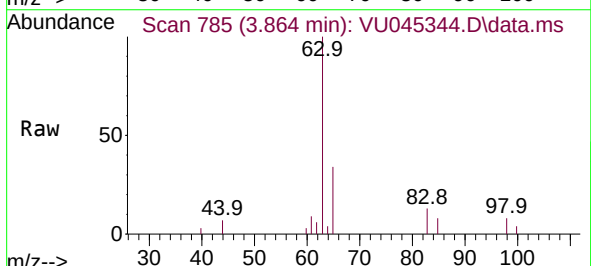
Instrument :
MSVOA_U
ClientSampled :

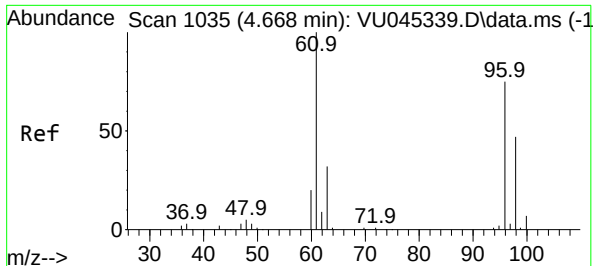
Tgt Ion: 73	Resp: 15773
Ion Ratio	Lower Upper
73 100	
43 20.6	16.2 24.4
57 21.2	17.9 26.9



#19
1,1-Dichloroethane
Concen: 2.105 ug/L
RT: 3.864 min Scan# 785
Delta R.T. -0.006 min
Lab File: VU045344.D
Acq: 20 Oct 2021 14:18

Tgt Ion: 63	Resp: 8881
Ion Ratio	Lower Upper
63 100	
65 33.6	22.5 41.9
83 13.4	8.9 16.5





#20

cis-1,2-Dichloroethene

Concen: 2.086 ug/L

RT: 4.665 min Scan# 1034

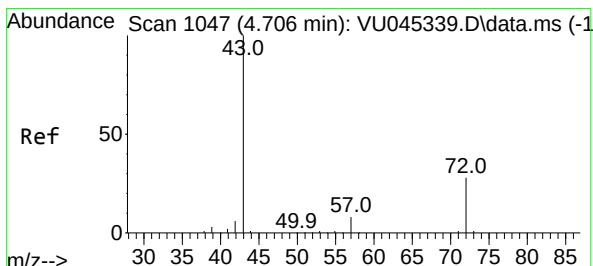
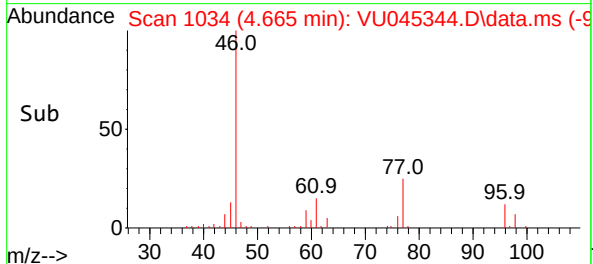
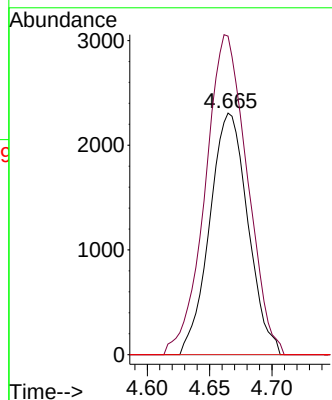
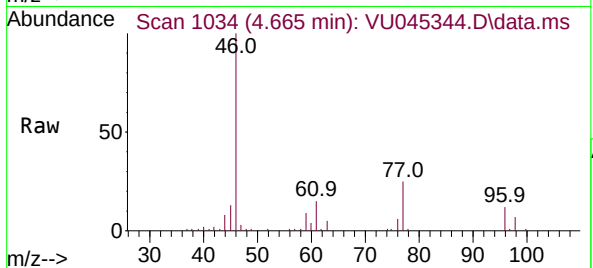
Delta R.T. -0.003 min

Lab File: VU045344.D

Acq: 20 Oct 2021 14:18

Tgt Ion:	96	Resp:	4928
Ion	Ratio	Lower	Upper
96	100		
61	131.9	94.2	175.0
68	0.0	0.0	0.0

Instrument :
MSVOA_U
ClientSampleId :



#22

2-Butanone

Concen: 3.883 ug/L

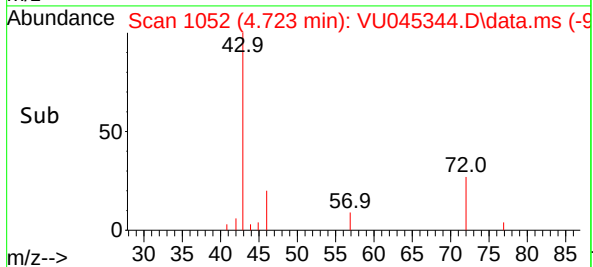
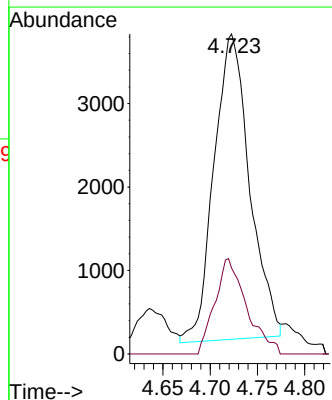
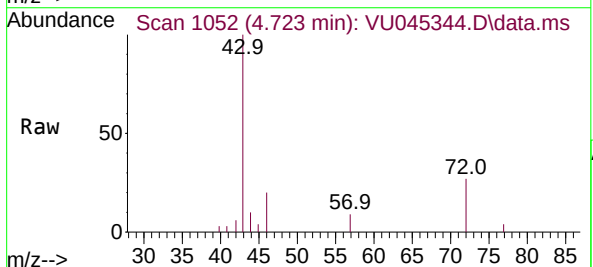
RT: 4.723 min Scan# 1052

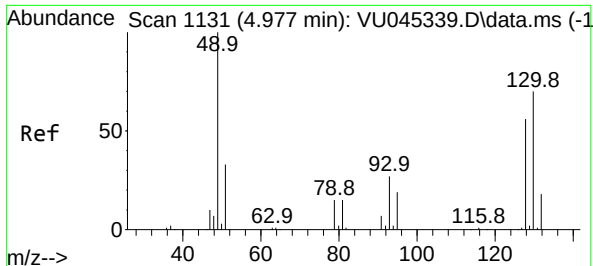
Delta R.T. 0.016 min

Lab File: VU045344.D

Acq: 20 Oct 2021 14:18

Tgt Ion:	43	Resp:	9583
Ion	Ratio	Lower	Upper
43	100		
72	25.0	14.1	42.2





#23

Bromochloromethane

Concen: 2.142 ug/L

RT: 4.977 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VU045344.D

Acq: 20 Oct 2021 14:18

Tgt Ion:128 Resp: 2492

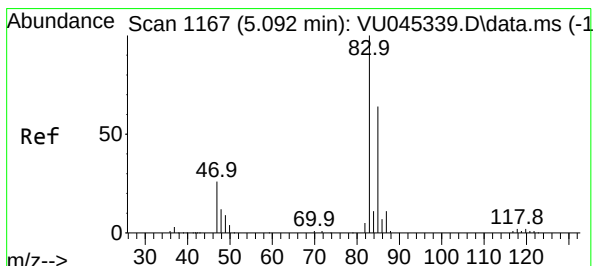
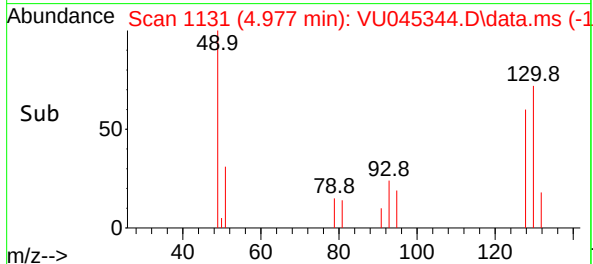
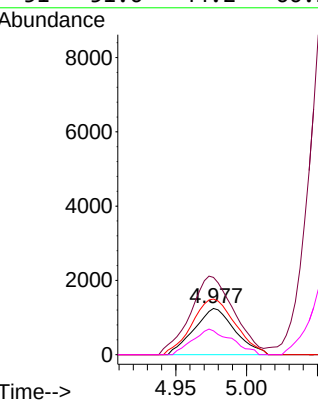
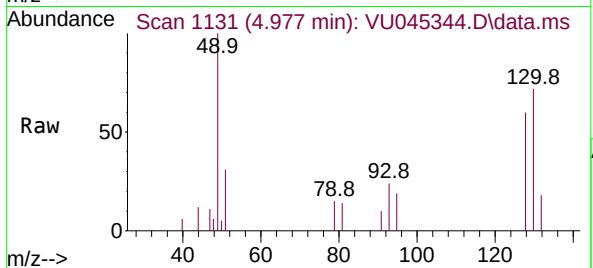
Ion Ratio Lower Upper

128 100

49 167.1 123.8 229.8

130 120.2 89.8 166.8

51 51.6 44.2 66.2



#25

Chloroform

Concen: 2.869 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU045344.D

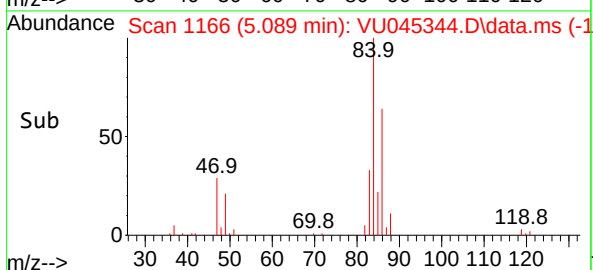
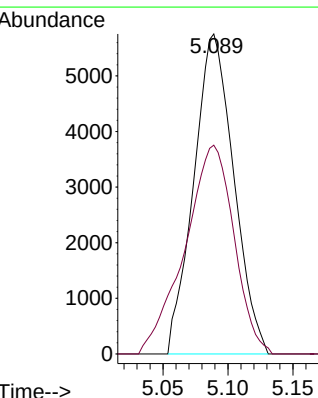
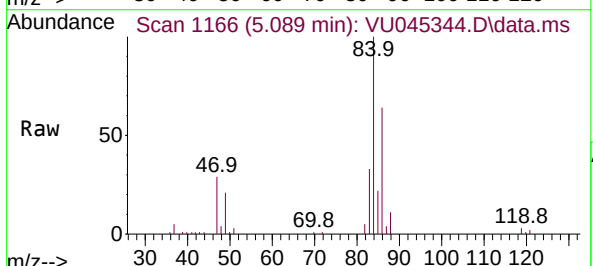
Acq: 20 Oct 2021 14:18

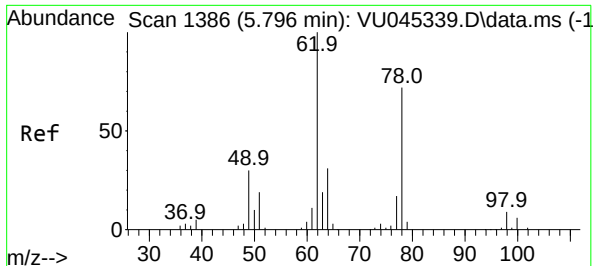
Tgt Ion: 83 Resp: 12322

Ion Ratio Lower Upper

83 100

85 65.2 45.4 84.2





#27

1,2-Dichloroethane

Concen: 2.435 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU045344.D

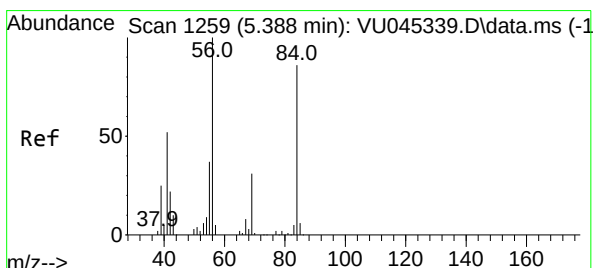
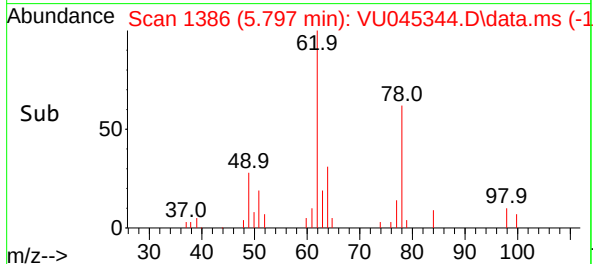
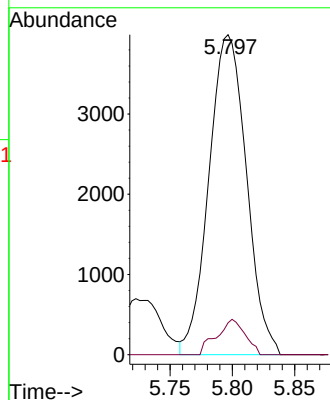
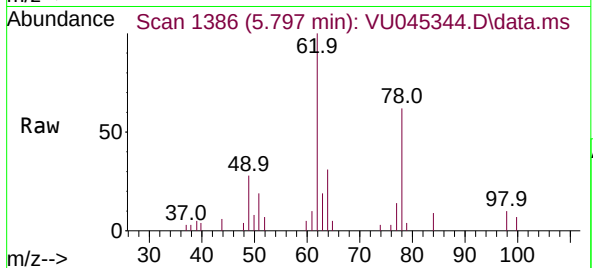
Acq: 20 Oct 2021 14:18

Tgt Ion: 62 Resp: 8354

Ion Ratio Lower Upper

62 100

98 9.9 7.4 11.2



#29

Cyclohexane

Concen: 1.976 ug/L

RT: 5.382 min Scan# 1257

Delta R.T. -0.006 min

Lab File: VU045344.D

Acq: 20 Oct 2021 14:18

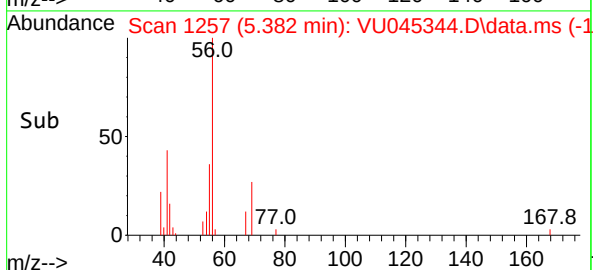
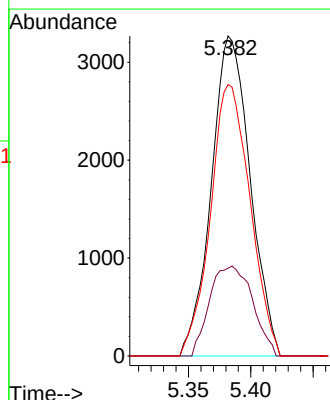
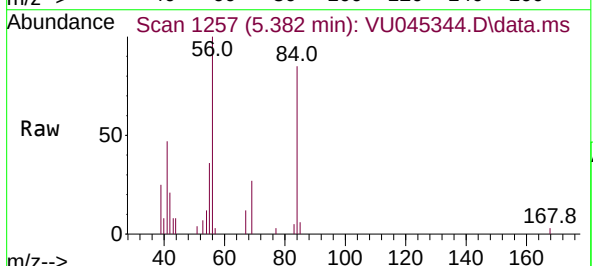
Tgt Ion: 56 Resp: 7089

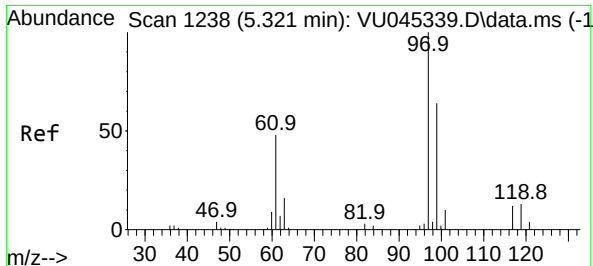
Ion Ratio Lower Upper

56 100

69 31.0 24.8 37.2

84 86.3 70.3 105.5



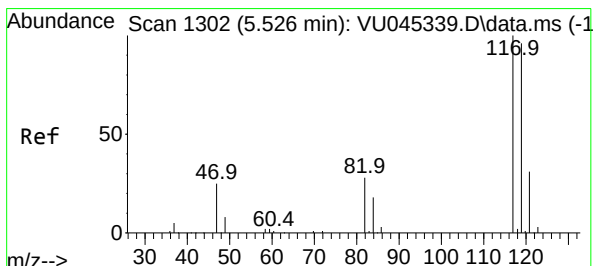
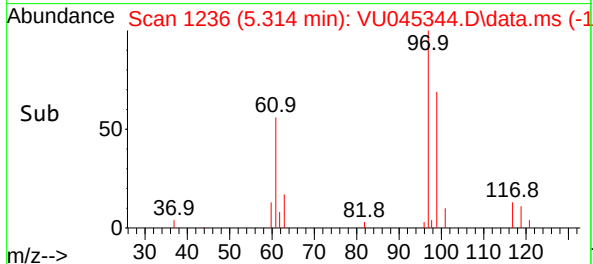
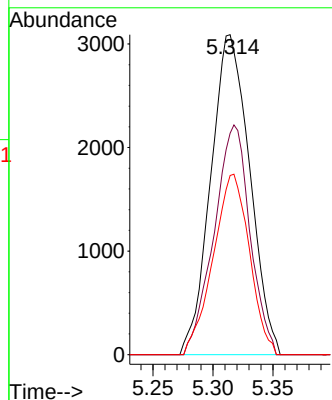
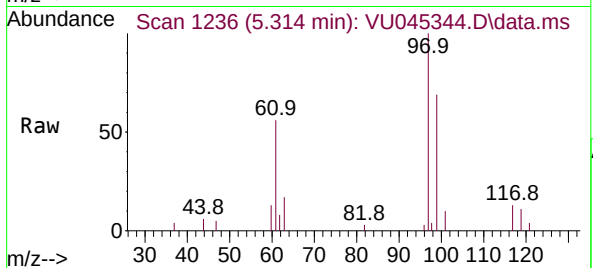


#30

1,1,1-Trichloroethane
Concen: 1.957 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. -0.006 min
Lab File: VU045344.D
Acq: 20 Oct 2021 14:18

Instrument :
MSVOA_U
ClientSampled :

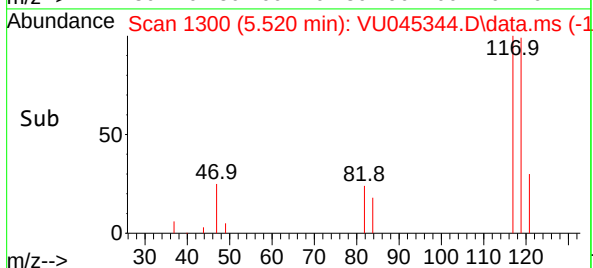
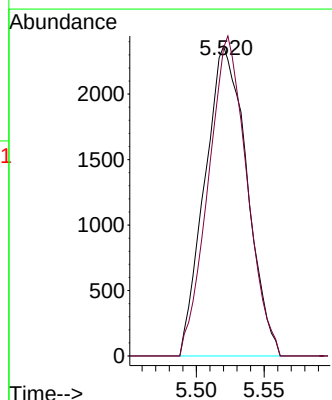
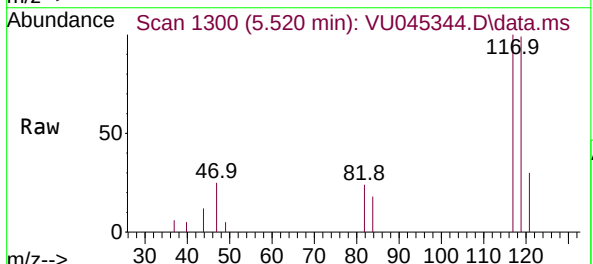
Tgt Ion: 97 Resp: 6976
Ion Ratio Lower Upper
97 100
99 66.3 51.5 77.3
61 52.6 39.2 58.8

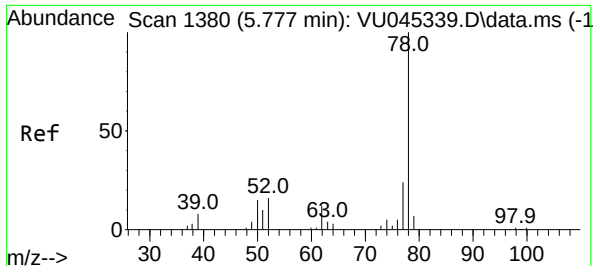


#31

Carbon tetrachloride
Concen: 1.853 ug/L
RT: 5.520 min Scan# 1300
Delta R.T. -0.006 min
Lab File: VU045344.D
Acq: 20 Oct 2021 14:18

Tgt Ion: 117 Resp: 5100
Ion Ratio Lower Upper
117 100
119 94.6 76.7 115.1





#33

Benzene

Concen: 2.113 ug/L

RT: 5.774 min Scan# 1379

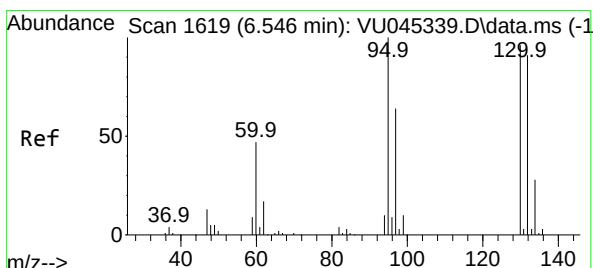
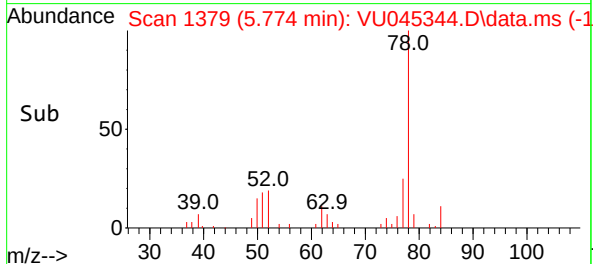
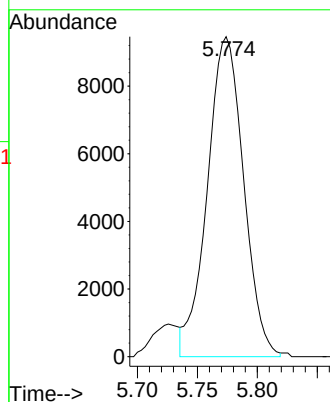
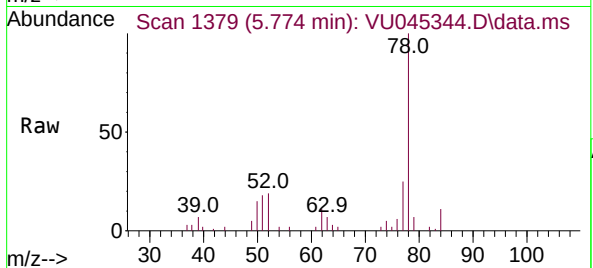
Delta R.T. -0.003 min

Lab File: VU045344.D

Acq: 20 Oct 2021 14:18

Tgt Ion: 78 Resp: 19872

Instrument :
MSVOA_U
ClientSampled :



#34

Trichloroethene

Concen: 1.865 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU045344.D

Acq: 20 Oct 2021 14:18

Tgt Ion: 95 Resp: 4326

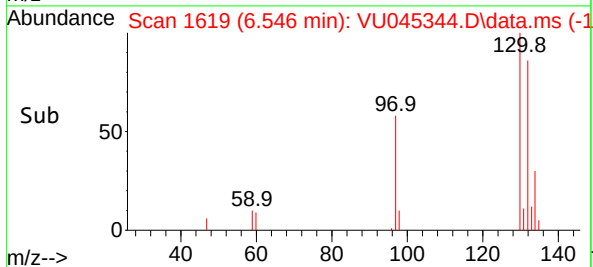
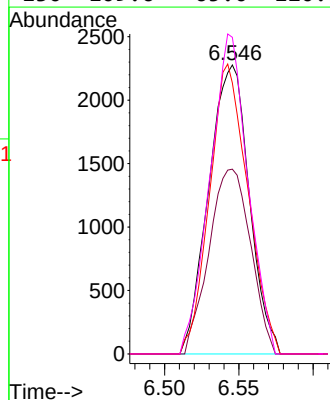
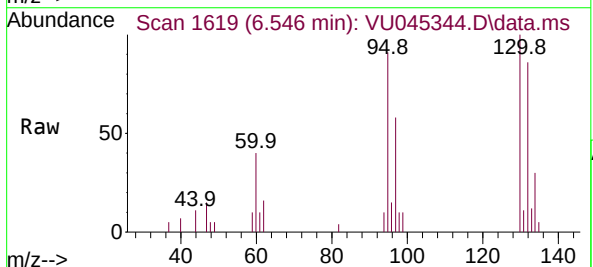
Ion Ratio Lower Upper

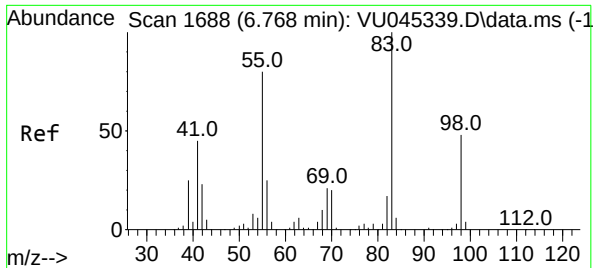
95 100

97 63.9 44.9 83.3

132 93.8 63.0 117.0

130 109.6 65.0 120.8





#35

Methylcyclohexane

Concen: 1.896 ug/L

RT: 6.764 min Scan# 1687

Delta R.T. -0.003 min

Lab File: VU045344.D

Acq: 20 Oct 2021 14:18

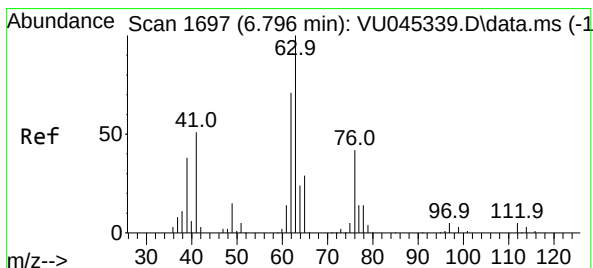
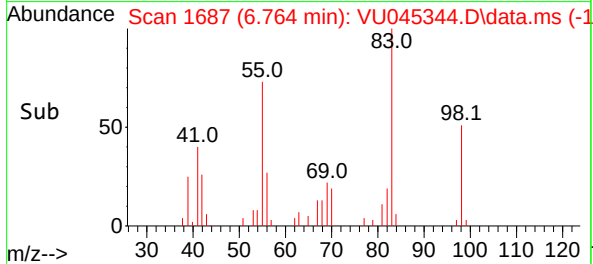
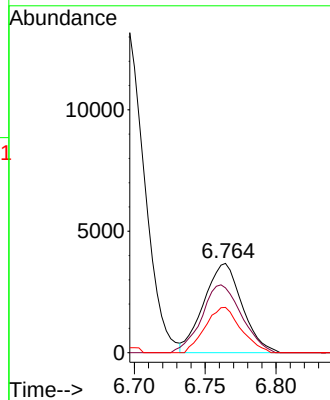
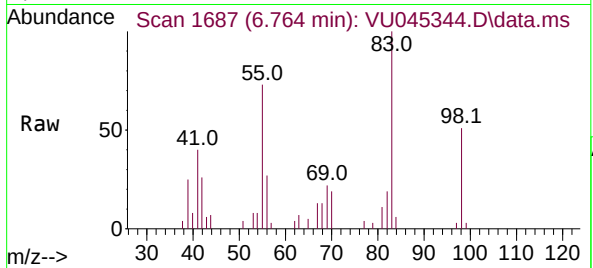
Tgt Ion: 83 Resp: 6905

Ion Ratio Lower Upper

83 100

55 78.9 63.4 95.0

98 47.3 37.9 56.9



#37

1,2-Dichloropropane

Concen: 2.217 ug/L

RT: 6.793 min Scan# 1696

Delta R.T. -0.003 min

Lab File: VU045344.D

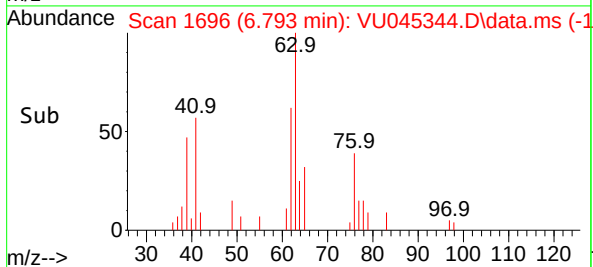
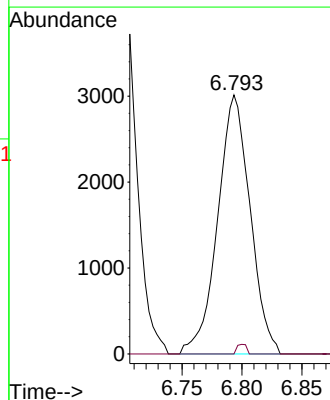
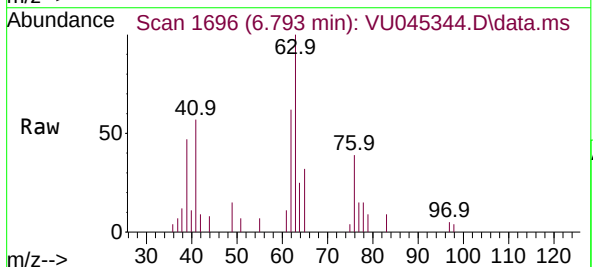
Acq: 20 Oct 2021 14:18

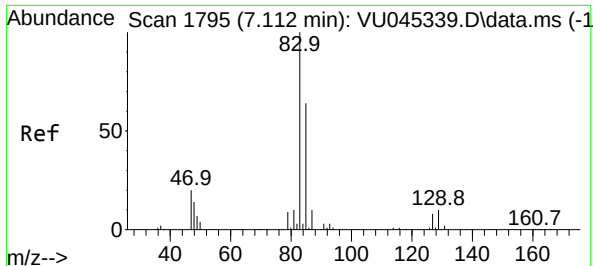
Tgt Ion: 63 Resp: 5670

Ion Ratio Lower Upper

63 100

112 1.1 3.3 4.9#

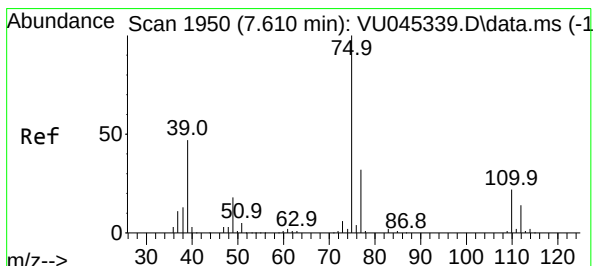
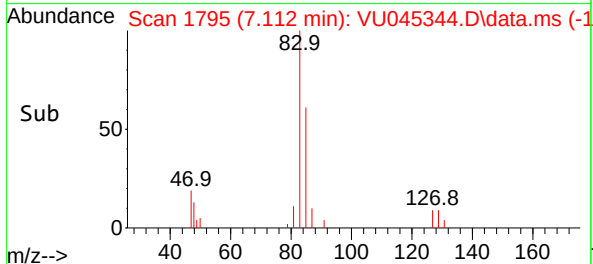
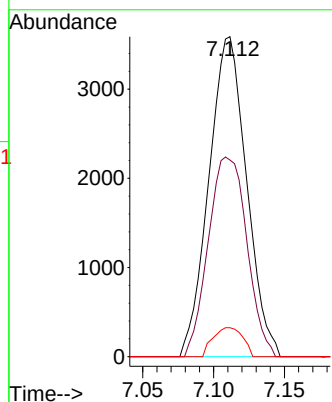
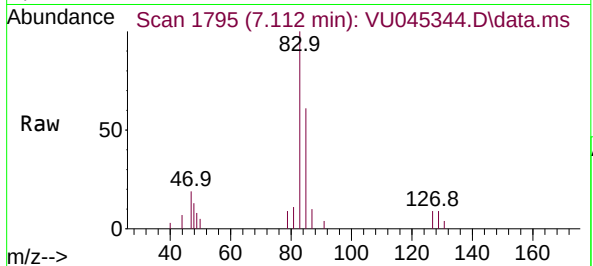




#38
Bromodichloromethane
Concen: 2.008 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VU045344.D
Acq: 20 Oct 2021 14:18

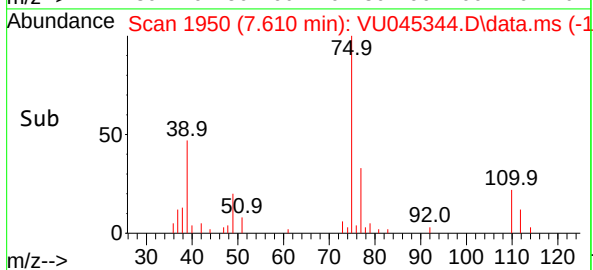
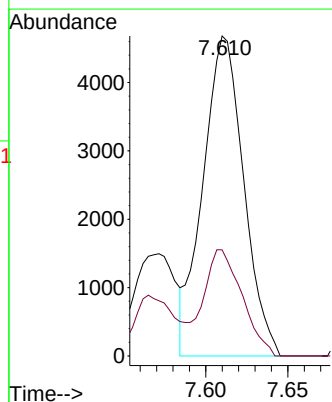
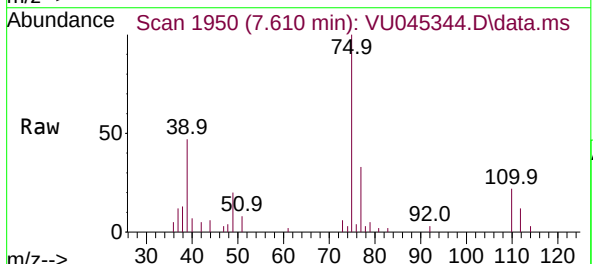
Instrument :
MSVOA_U
ClientSampled :

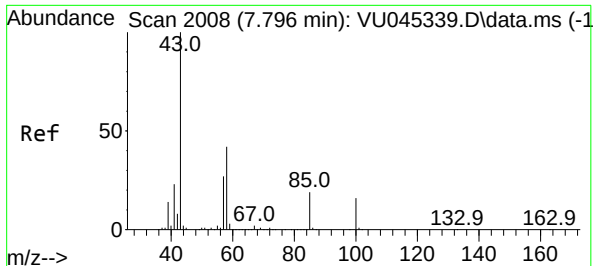
Tgt Ion:	83	Resp:	6644
Ion	Ratio	Lower	Upper
83	100		
85	61.5	45.5	84.5
127	9.0	6.3	9.5



#39
cis-1,3-Dichloropropene
Concen: 2.109 ug/L
RT: 7.610 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VU045344.D
Acq: 20 Oct 2021 14:18

Tgt Ion:	75	Resp:	8078
Ion	Ratio	Lower	Upper
75	100		
77	33.2	21.6	40.0





#40

4-Methyl-2-pentanone

Concen: 4.656 ug/L

RT: 7.803 min Scan# 2010

Delta R.T. 0.006 min

Lab File: VU045344.D

Acq: 20 Oct 2021 14:18

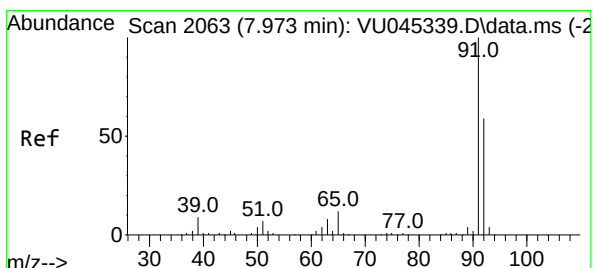
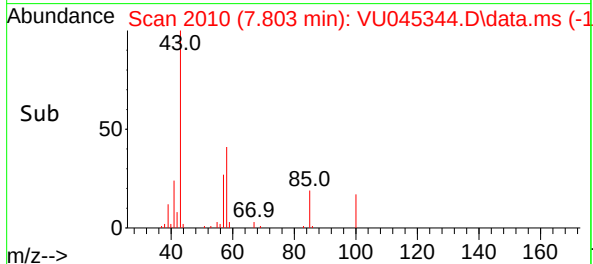
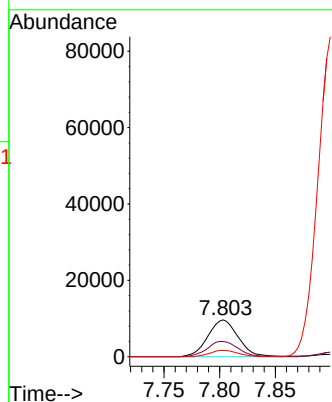
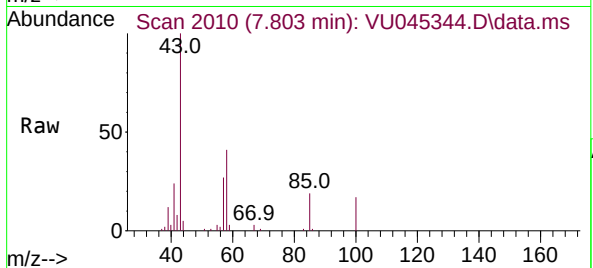
Tgt Ion: 43 Resp: 18163

Ion Ratio Lower Upper

43 100

58 42.1 33.7 50.5

100 15.8 13.0 19.4



#42

Toluene

Concen: 2.317 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU045344.D

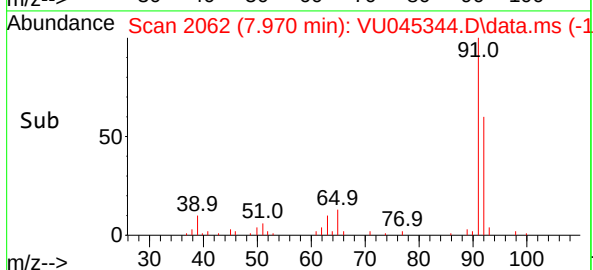
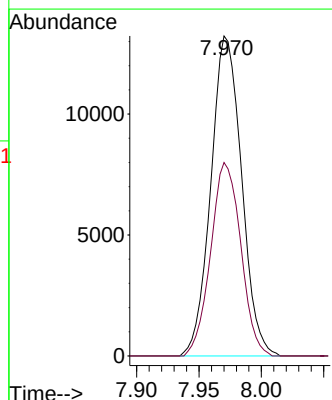
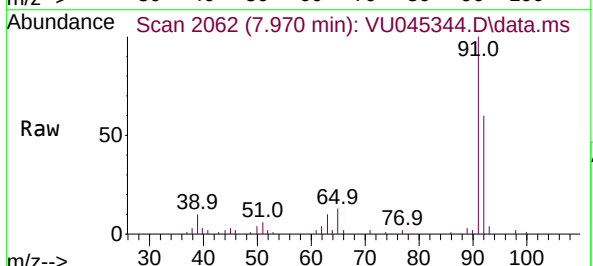
Acq: 20 Oct 2021 14:18

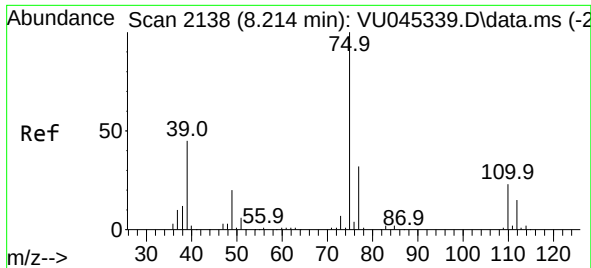
Tgt Ion: 91 Resp: 22728

Ion Ratio Lower Upper

91 100

92 60.4 41.2 76.6

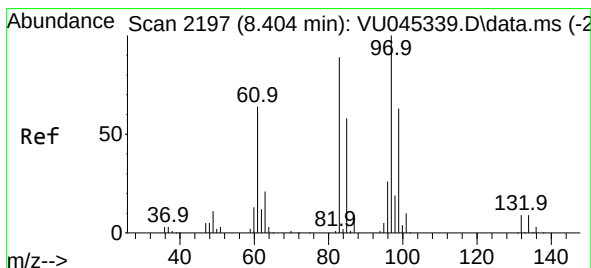
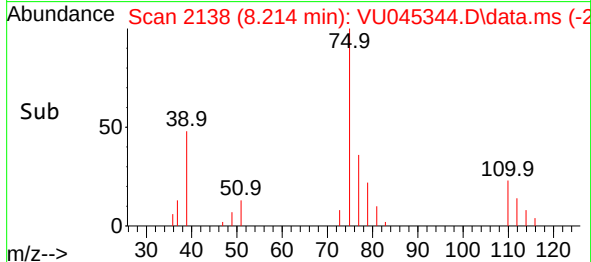
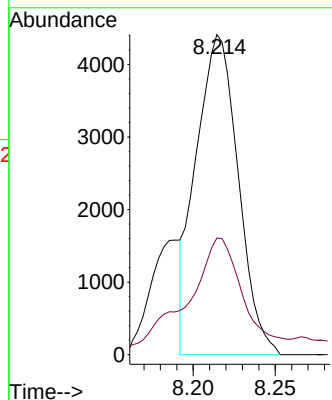
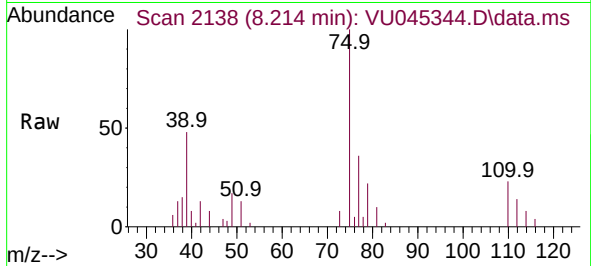




#44
trans-1,3-Dichloropropene
Concen: 2.152 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU045344.D
Acq: 20 Oct 2021 14:18

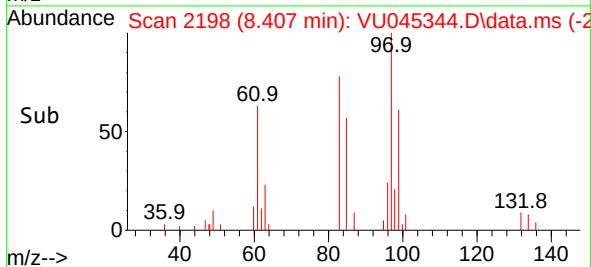
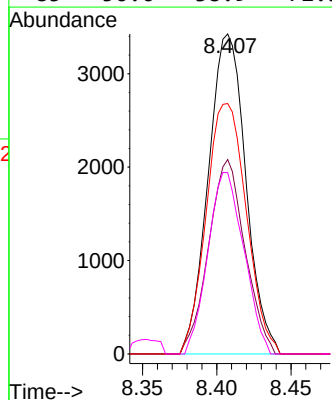
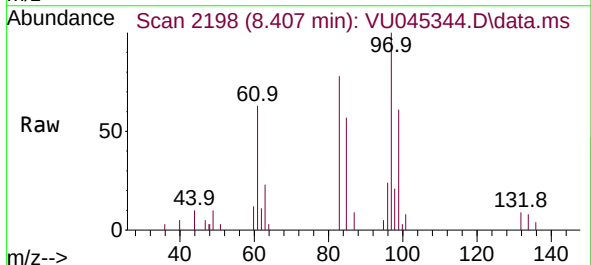
Instrument :
MSVOA_U
ClientSampled :

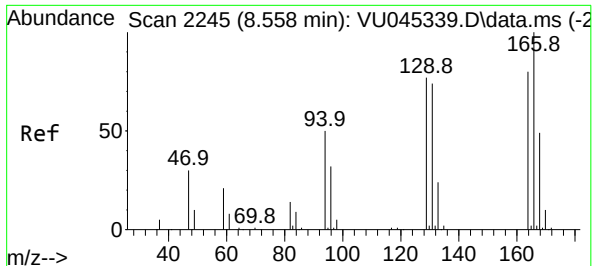
Tgt Ion: 75 Resp: 7880
Ion Ratio Lower Upper
75 100
77 36.4 22.5 41.9



#45
1,1,2-Trichloroethane
Concen: 2.460 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.003 min
Lab File: VU045344.D
Acq: 20 Oct 2021 14:18

Tgt Ion: 97 Resp: 6031
Ion Ratio Lower Upper
97 100
99 60.8 43.0 80.0
83 78.3 60.1 111.5
85 56.6 38.9 72.3



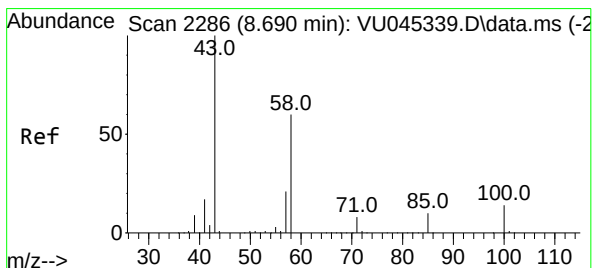
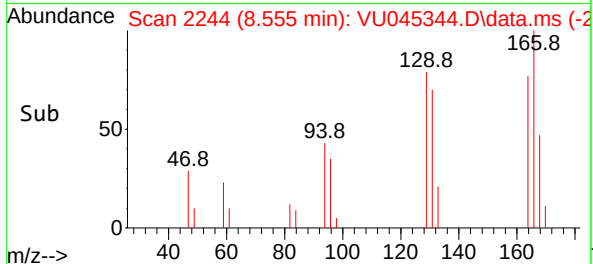
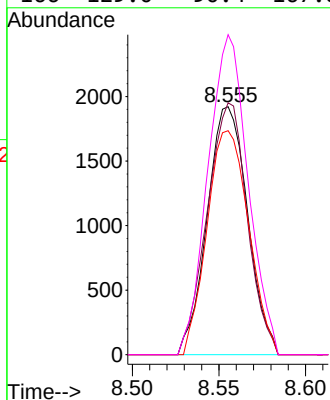
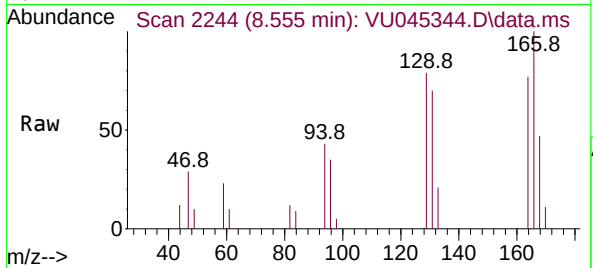


#46
Tetrachloroethene
Concen: 1.943 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU045344.D
Acq: 20 Oct 2021 14:18

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:164 Resp: 3121

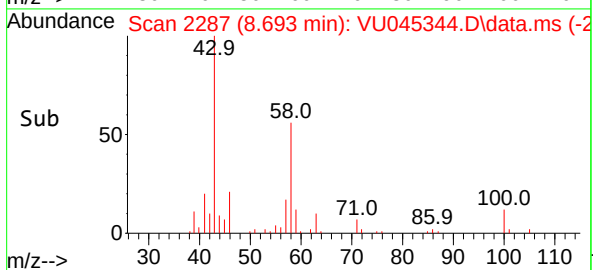
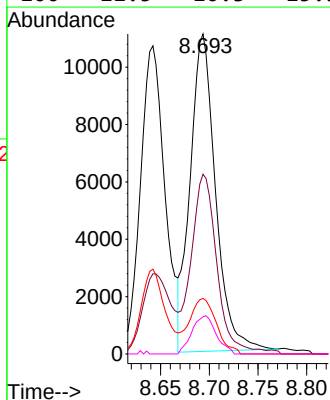
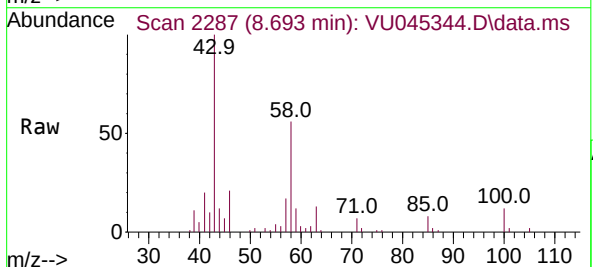
Ion	Ratio	Lower	Upper
164	100		
129	101.6	69.6	129.2
131	90.4	67.5	125.4
166	129.0	90.4	167.8

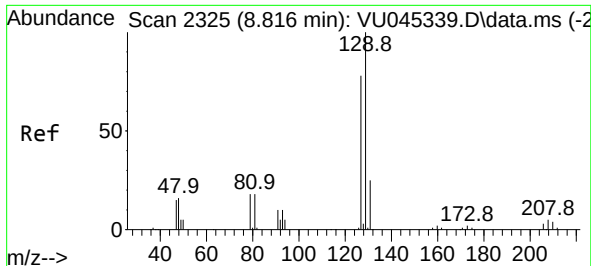


#48
2-Hexanone
Concen: 6.078 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. 0.003 min
Lab File: VU045344.D
Acq: 20 Oct 2021 14:18

Tgt Ion: 43 Resp: 20017

Ion	Ratio	Lower	Upper
43	100		
58	54.2	45.4	68.0
57	18.2	16.0	24.0
100	11.5	10.3	15.5





#49

Dibromochloromethane

Concen: 2.210 ug/L

RT: 8.816 min Scan# 2325

Delta R.T. 0.000 min

Lab File: VU045344.D

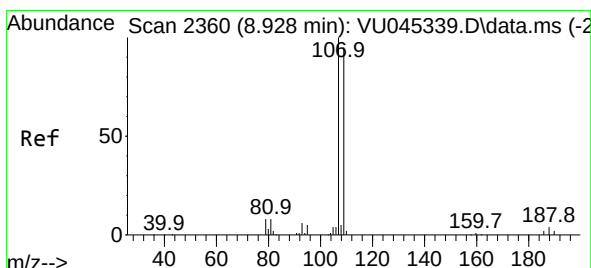
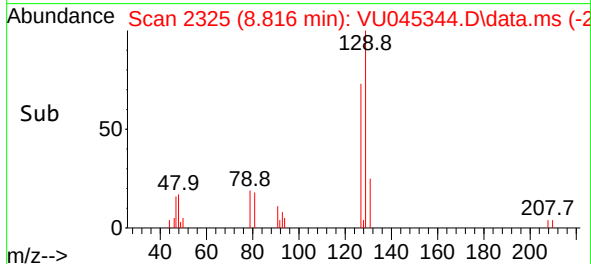
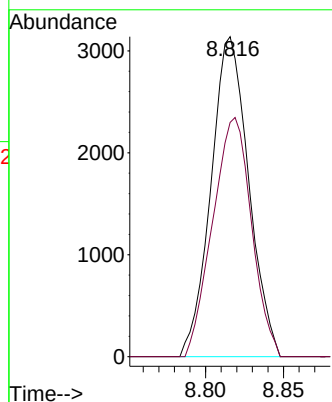
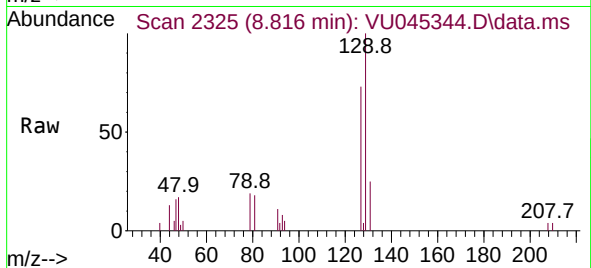
Acq: 20 Oct 2021 14:18

Tgt Ion:129 Resp: 5277

Ion Ratio Lower Upper

129 100

127 73.2 55.3 102.7



#50

1,2-Dibromoethane

Concen: 2.184 ug/L

RT: 8.931 min Scan# 2361

Delta R.T. 0.003 min

Lab File: VU045344.D

Acq: 20 Oct 2021 14:18

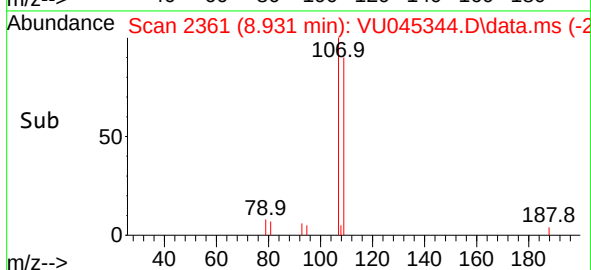
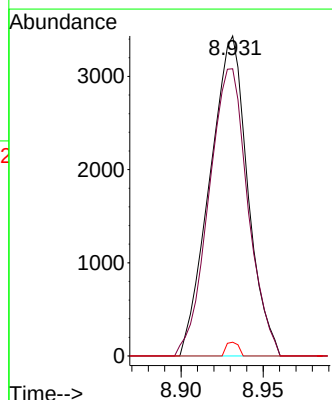
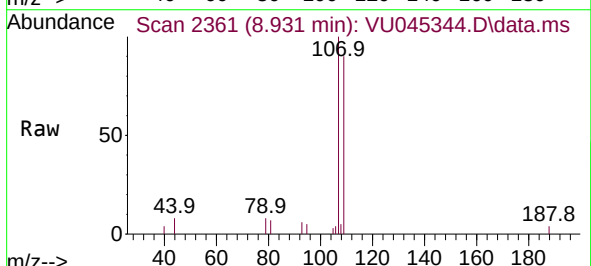
Tgt Ion:107 Resp: 5513

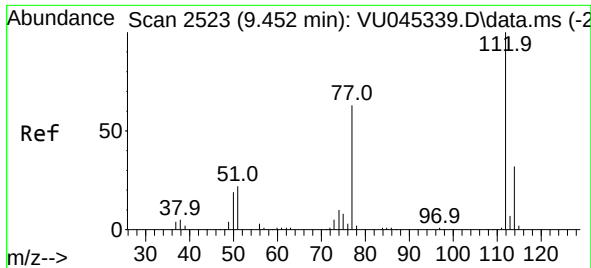
Ion Ratio Lower Upper

107 100

109 89.7 66.6 123.6

188 4.3 2.6 4.0#

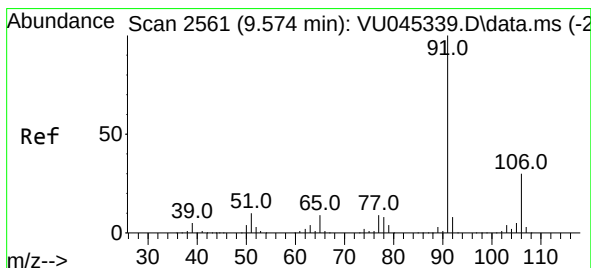
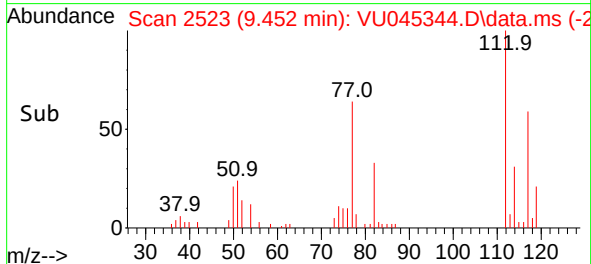
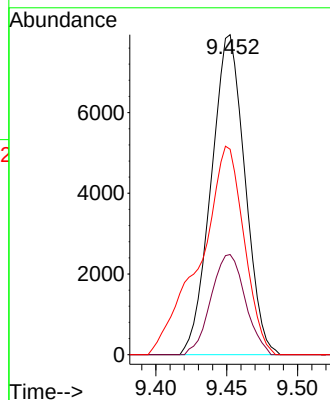
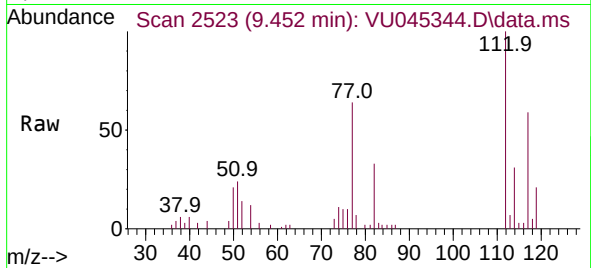




#51
Chlorobenzene
Concen: 2.111 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. 0.000 min
Lab File: VU045344.D
Acq: 20 Oct 2021 14:18

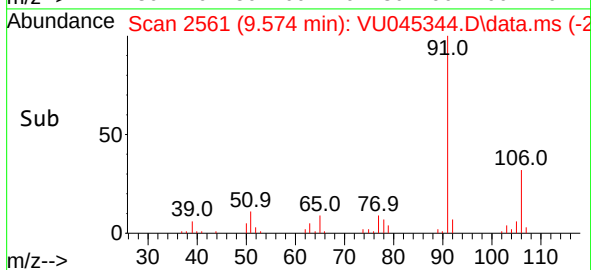
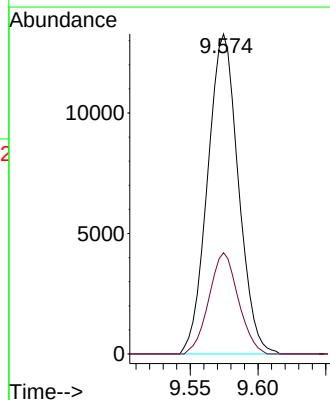
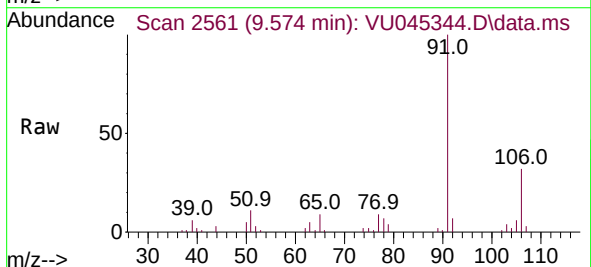
Instrument :
MSVOA_U
ClientSampled :

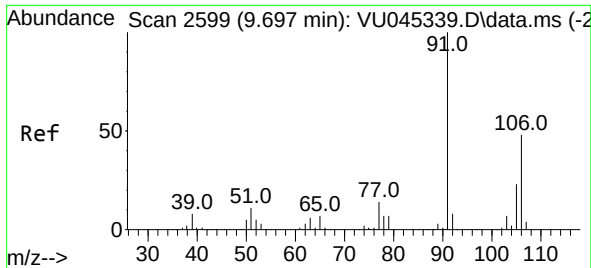
Tgt Ion:112 Resp: 13118
Ion Ratio Lower Upper
112 100
114 31.3 22.8 42.4
77 64.2 51.3 76.9



#52
Ethylbenzene
Concen: 1.966 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045344.D
Acq: 20 Oct 2021 14:18

Tgt Ion: 91 Resp: 20937
Ion Ratio Lower Upper
91 100
106 31.6 21.1 39.3

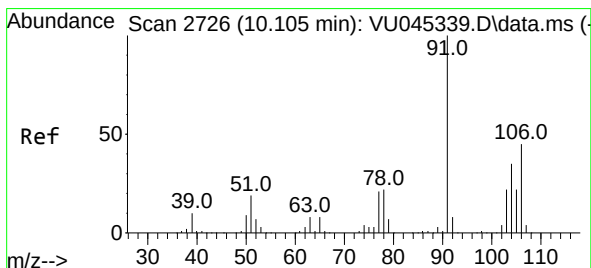
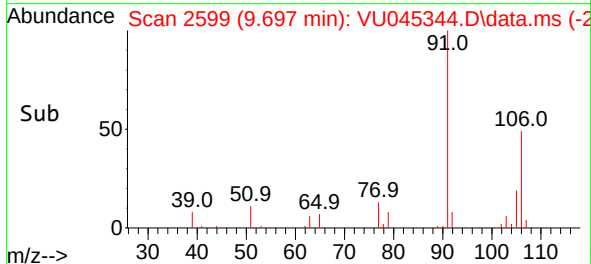
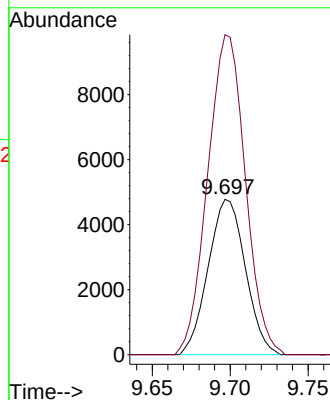
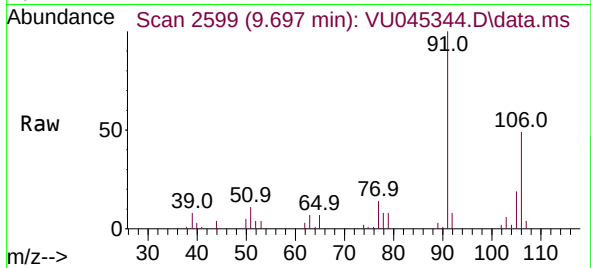




#53
m,p-Xylene
Concen: 1.963 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045344.D
Acq: 20 Oct 2021 14:18

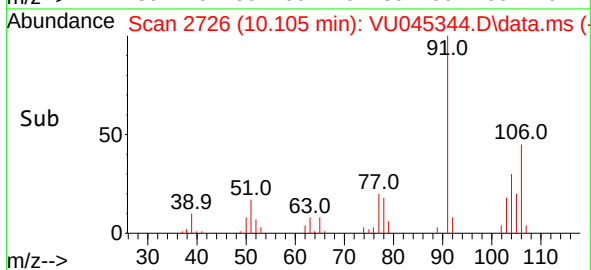
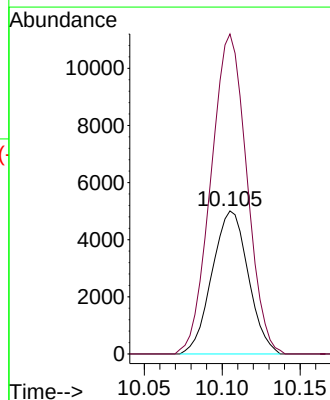
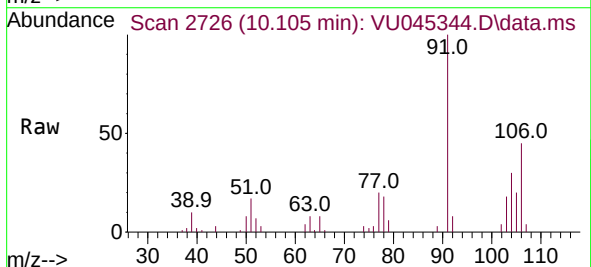
Instrument :
MSVOA_U
ClientSampled :

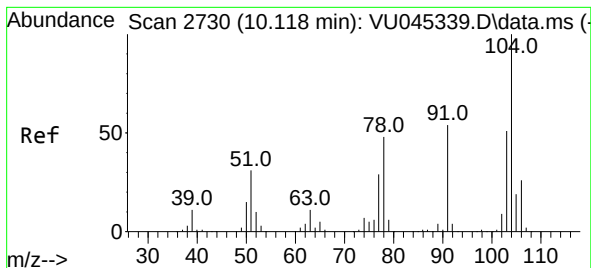
Tgt Ion:106 Resp: 7939
Ion Ratio Lower Upper
106 100
91 205.9 144.4 268.2



#54
o-xylene
Concen: 1.993 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU045344.D
Acq: 20 Oct 2021 14:18

Tgt Ion:106 Resp: 8087
Ion Ratio Lower Upper
106 100
91 223.6 151.1 280.5





#55

Styrene

Concen: 1.938 ug/L

RT: 10.118 min Scan# 2730

Delta R.T. 0.000 min

Lab File: VU045344.D

Acq: 20 Oct 2021 14:18

Tgt Ion:104 Resp: 13314

Ion Ratio Lower Upper

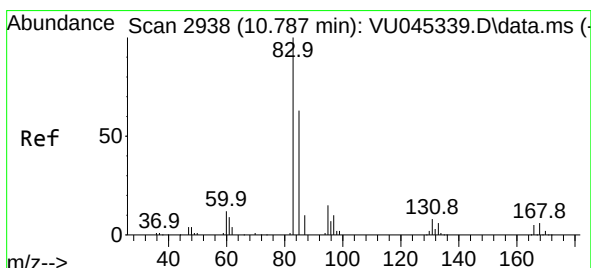
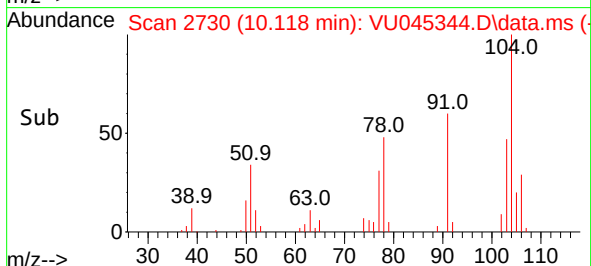
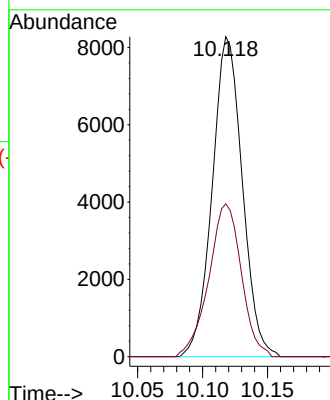
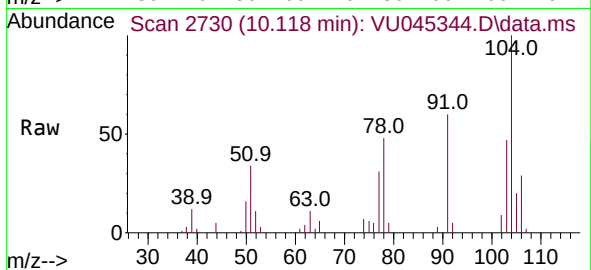
104 100

78 47.8 32.7 60.7

Instrument :

MSVOA_U

ClientSampled :



#57

1,1,2,2-Tetrachloroethane

Concen: 2.790 ug/L

RT: 10.787 min Scan# 2938

Delta R.T. 0.000 min

Lab File: VU045344.D

Acq: 20 Oct 2021 14:18

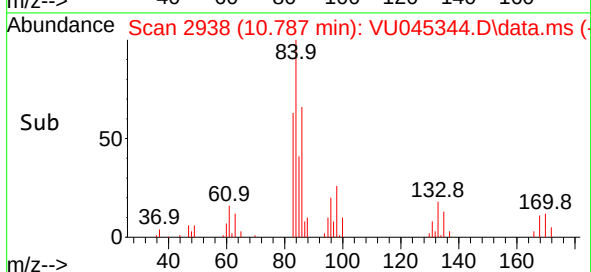
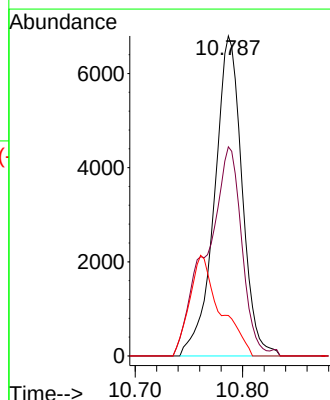
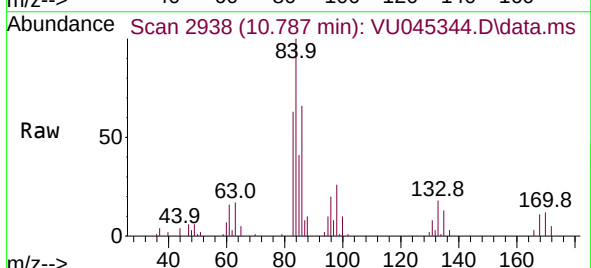
Tgt Ion: 83 Resp: 12083

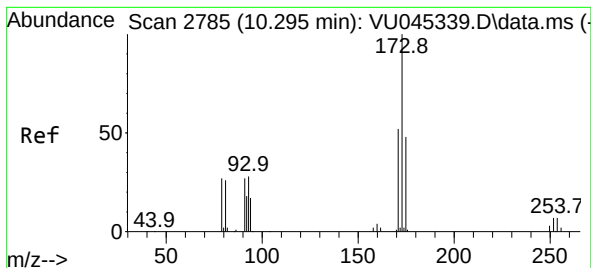
Ion Ratio Lower Upper

83 100

85 65.4 44.4 82.5

131 12.6 6.8 10.2#





#59

Bromoform

Concen: 2.451 ug/L

RT: 10.298 min Scan# 2786

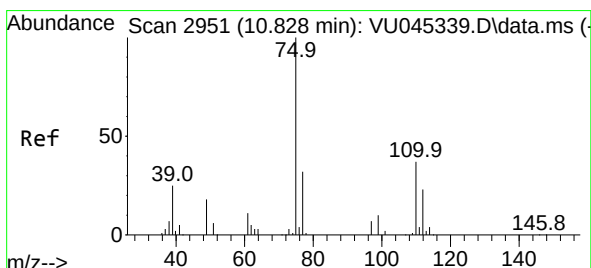
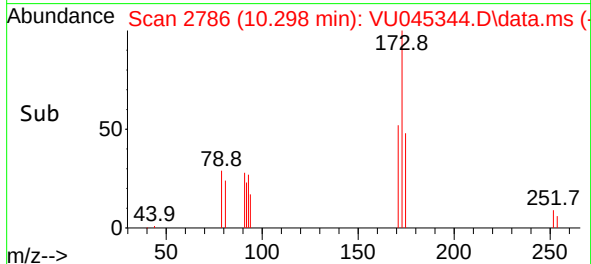
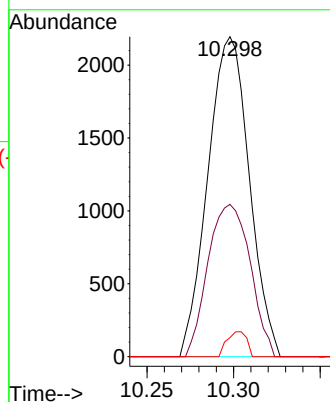
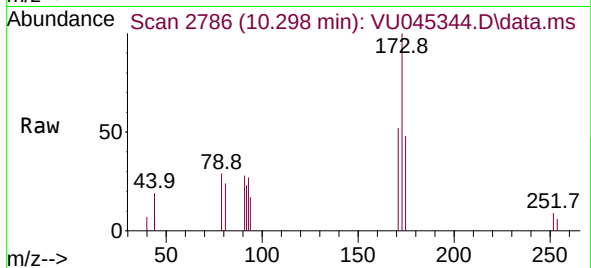
Delta R.T. 0.003 min

Lab File: VU045344.D

Acq: 20 Oct 2021 14:18

Tgt Ion:	173	Resp:	3652
Ion Ratio	Lower	Upper	
173	100		
175	48.4	39.3	58.9
254	3.7	5.8	8.6#

Instrument :
MSVOA_U
ClientSampled :



#60

1,2,3-Trichloropropane

Concen: 2.832 ug/L

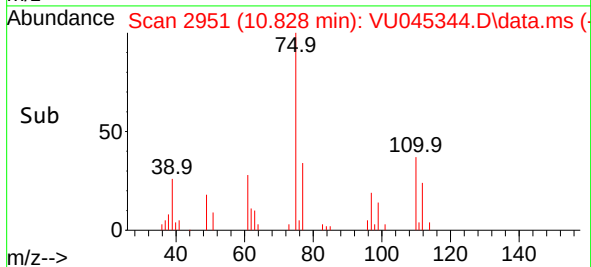
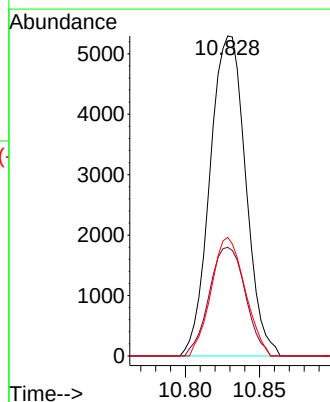
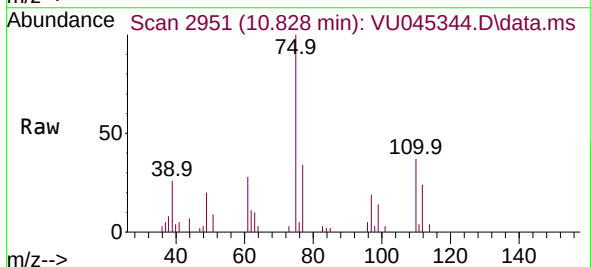
RT: 10.828 min Scan# 2951

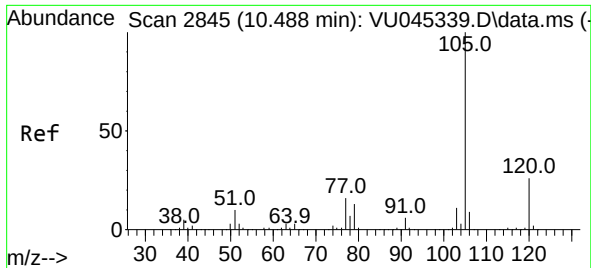
Delta R.T. 0.000 min

Lab File: VU045344.D

Acq: 20 Oct 2021 14:18

Tgt Ion:	75	Resp:	8839
Ion Ratio	Lower	Upper	
75	100		
77	34.3	26.0	39.0
110	35.0	28.8	43.2

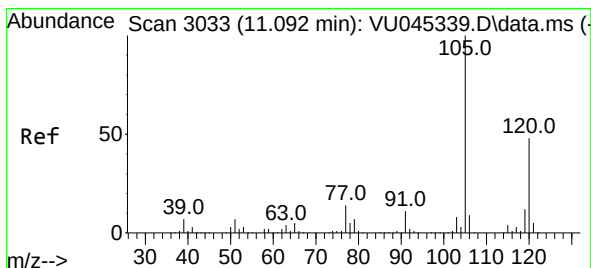
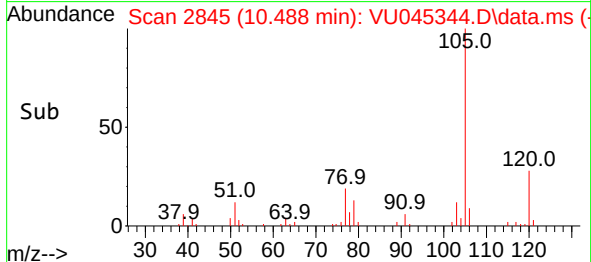
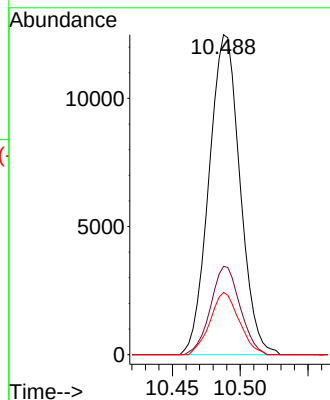
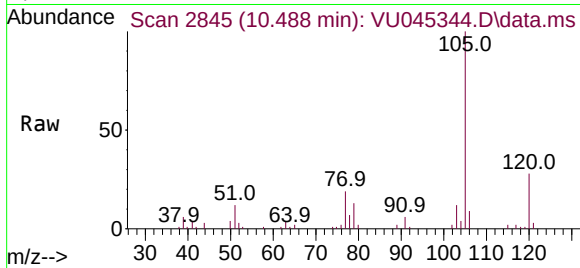




#61
Isopropylbenzene
Concen: 2.138 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045344.D
Acq: 20 Oct 2021 14:18

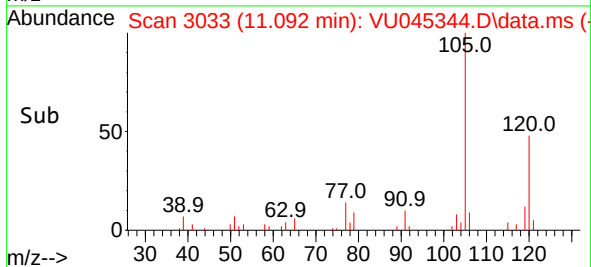
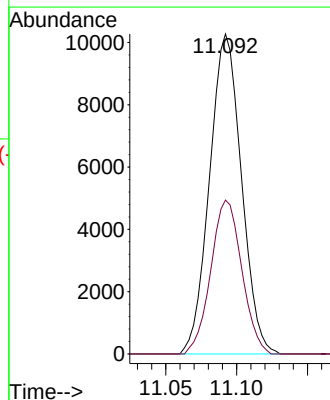
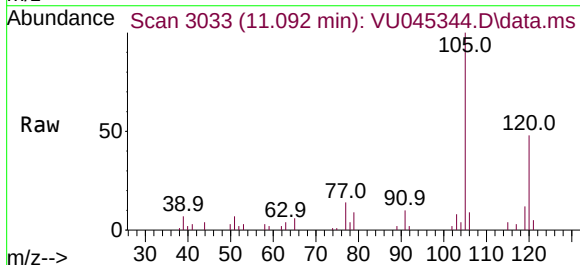
Instrument :
MSVOA_U
ClientSampled :

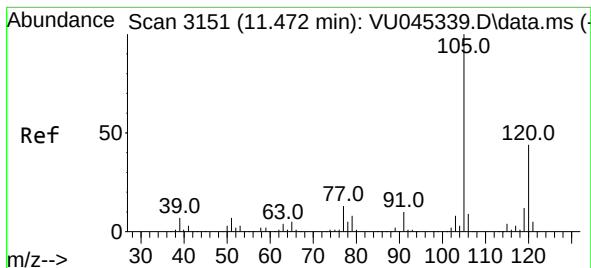
Tgt Ion:105 Resp: 19848
Ion Ratio Lower Upper
105 100
120 26.3 20.5 30.7
77 18.2 13.2 19.8



#62
1,3,5-Trimethylbenzene
Concen: 2.093 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU045344.D
Acq: 20 Oct 2021 14:18

Tgt Ion:105 Resp: 16071
Ion Ratio Lower Upper
105 100
120 46.7 38.2 57.2

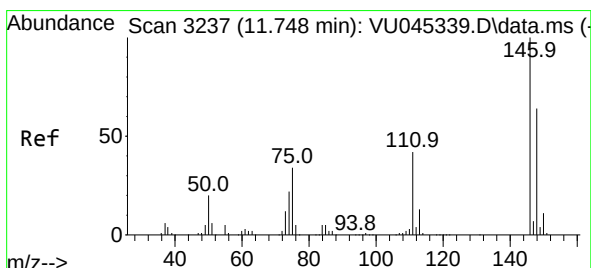
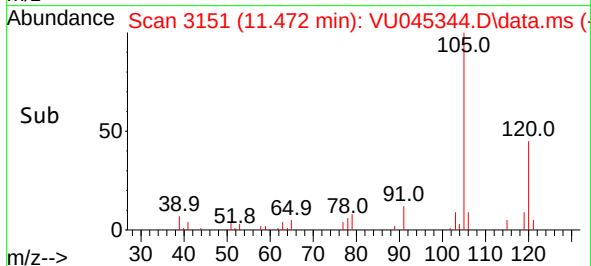
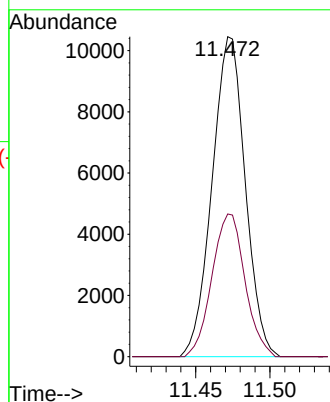
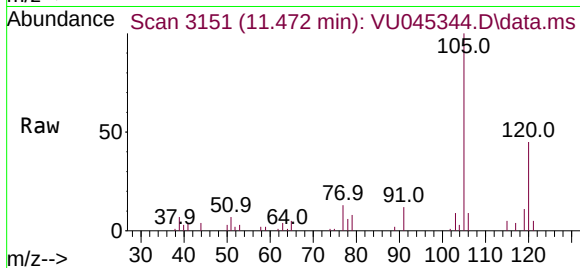




#63
1,2,4-Trimethylbenzene
Concen: 2.084 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU045344.D
Acq: 20 Oct 2021 14:18

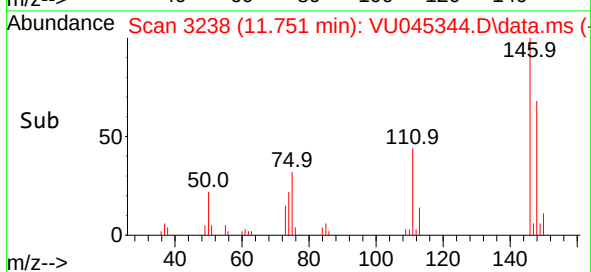
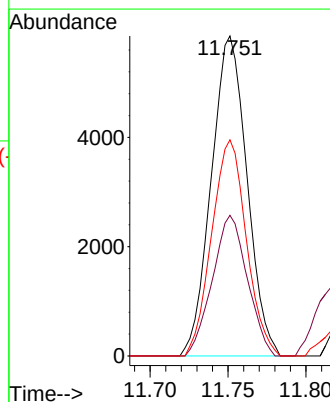
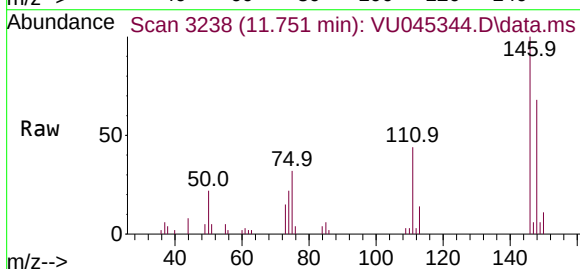
Instrument :
MSVOA_U
ClientSampled :

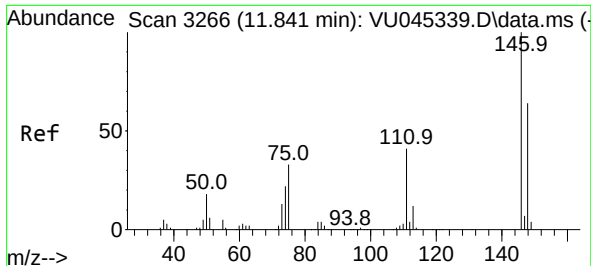
Tgt Ion:105 Resp: 16206
Ion Ratio Lower Upper
105 100
120 44.4 35.5 53.3



#64
1,3-Dichlorobenzene
Concen: 2.219 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.003 min
Lab File: VU045344.D
Acq: 20 Oct 2021 14:18

Tgt Ion:146 Resp: 9329
Ion Ratio Lower Upper
146 100
111 43.9 29.0 53.9
148 67.5 45.0 83.6

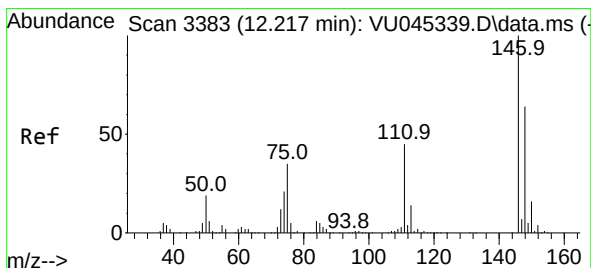
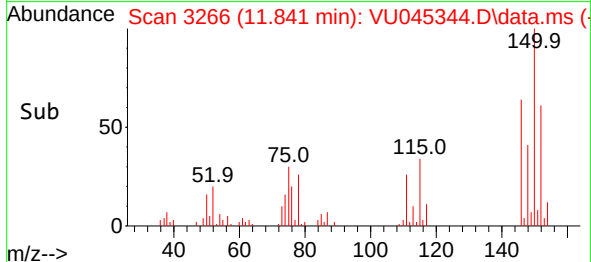
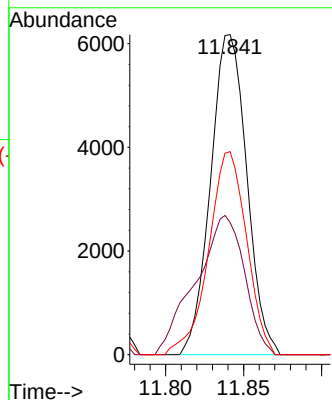
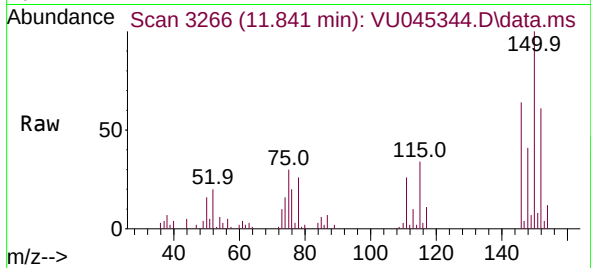




#65
1,4-Dichlorobenzene
Concen: 2.340 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU045344.D
Acq: 20 Oct 2021 14:18

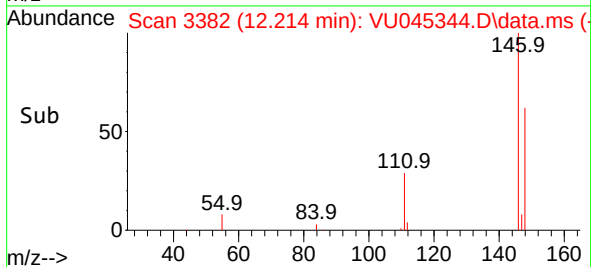
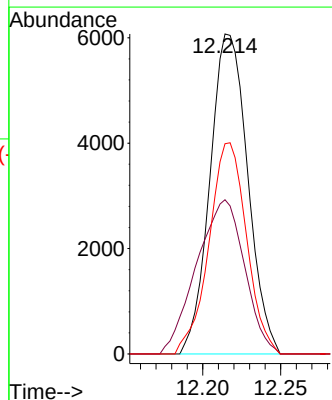
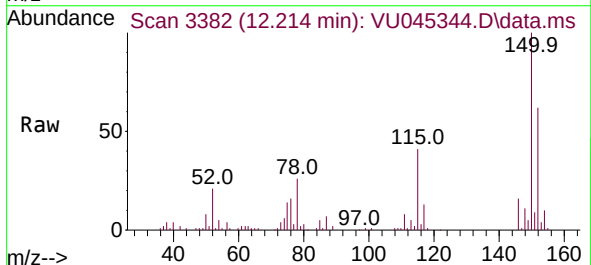
Instrument :
MSVOA_U
ClientSampled :

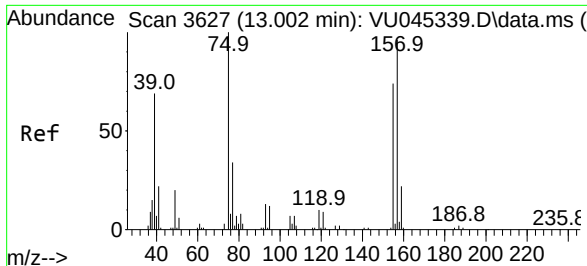
Tgt Ion:146 Resp: 9977
Ion Ratio Lower Upper
146 100
111 38.8 28.6 53.2
148 59.6 44.2 82.0



#67
1,2-Dichlorobenzene
Concen: 2.410 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.003 min
Lab File: VU045344.D
Acq: 20 Oct 2021 14:18

Tgt Ion:146 Resp: 10239
Ion Ratio Lower Upper
146 100
111 53.7 35.2 52.8#
148 65.7 50.8 76.2

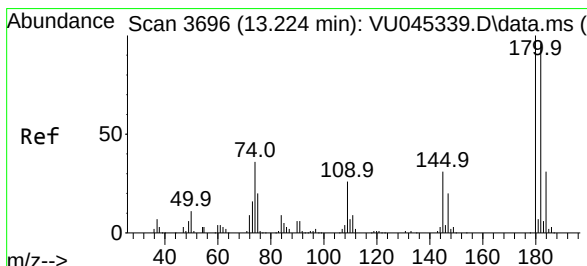
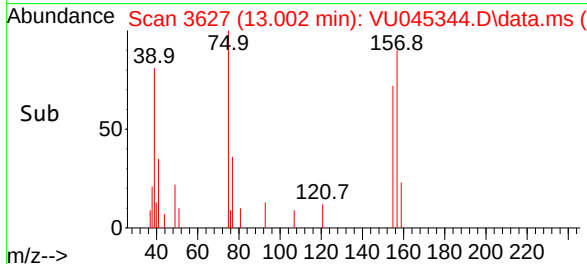
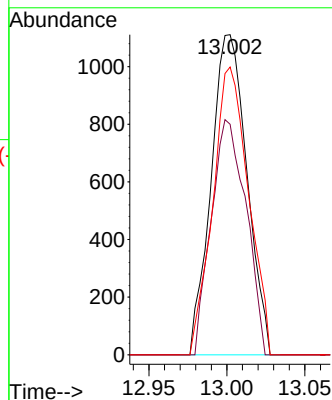
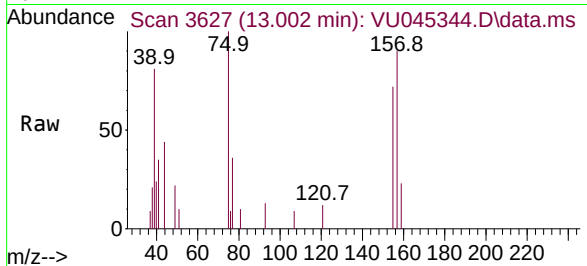




#68
1,2-Dibromo-3-chloropropane
Concen: 2.043 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. 0.000 min
Lab File: VU045344.D
Acq: 20 Oct 2021 14:18

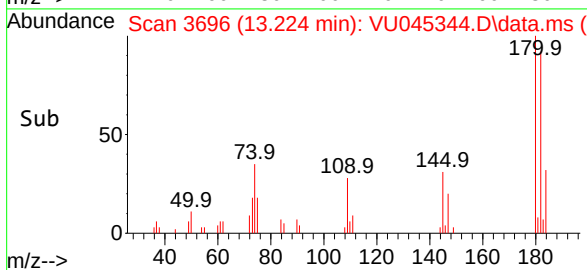
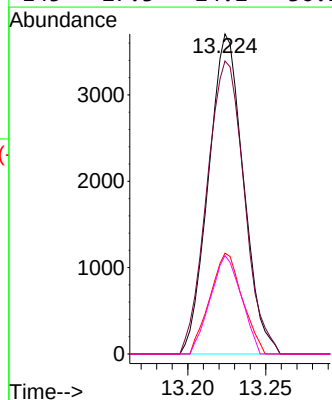
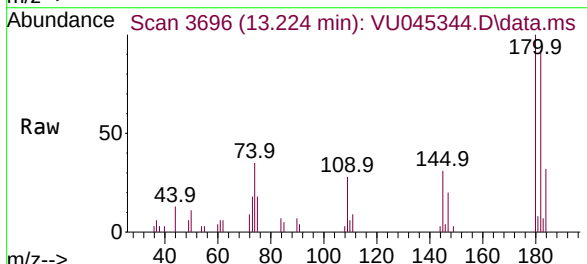
Instrument :
MSVOA_U
ClientSampled :

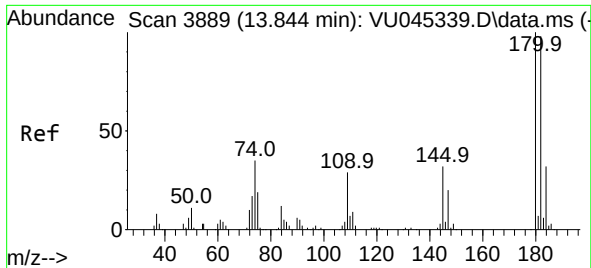
Tgt Ion: 75 Resp: 1776
Ion Ratio Lower Upper
75 100
155 72.0 61.9 92.9
157 89.9 74.1 111.1



#69
1,3,5-Trichlorobenzene
Concen: 1.989 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. 0.000 min
Lab File: VU045344.D
Acq: 20 Oct 2021 14:18

Tgt Ion:180 Resp: 5752
Ion Ratio Lower Upper
180 100
182 97.6 76.0 114.0
184 29.3 23.8 35.8
145 27.3 24.2 36.2

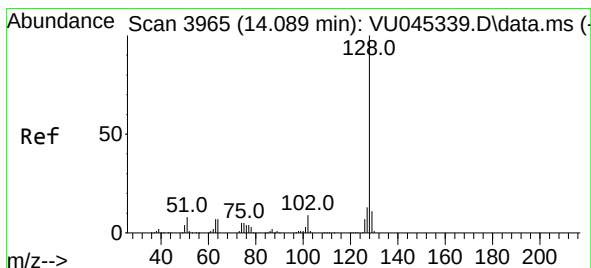
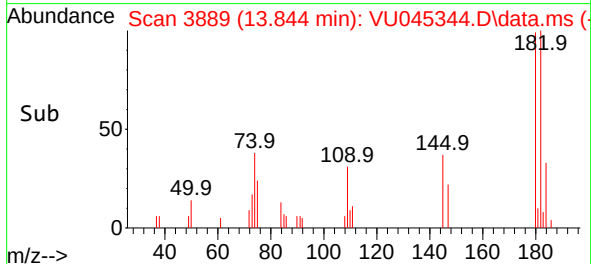
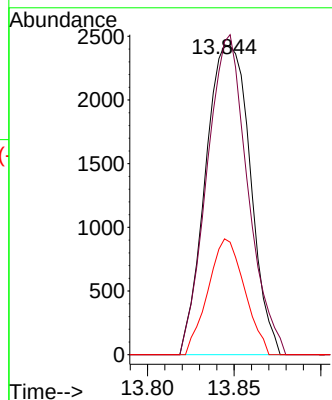
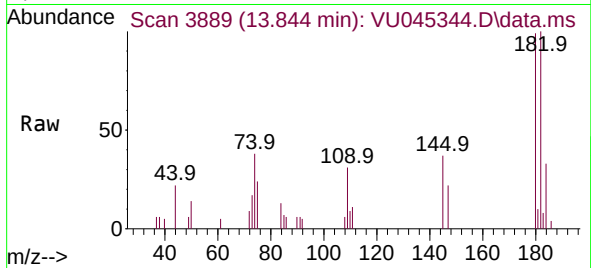




#70
1,2,4-trichlorobenzene
Concen: 1.796 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU045344.D
Acq: 20 Oct 2021 14:18

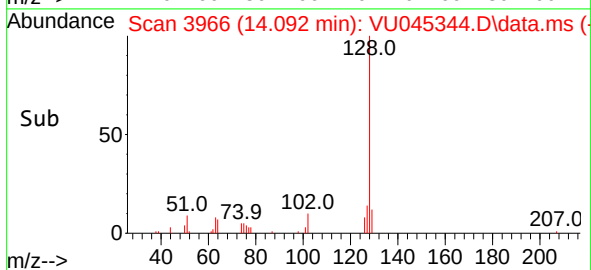
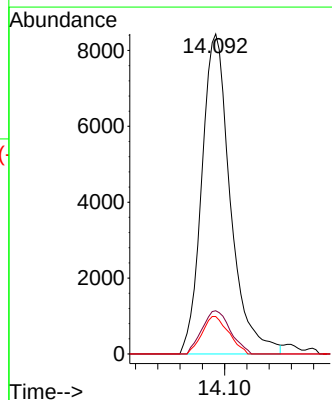
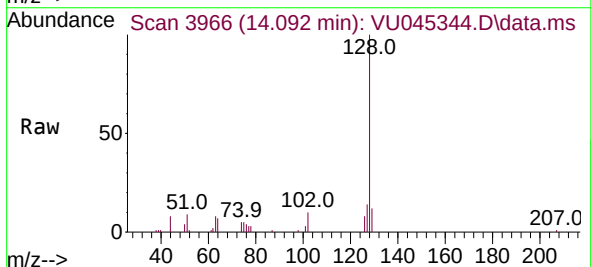
Instrument :
MSVOA_U
ClientSampled :

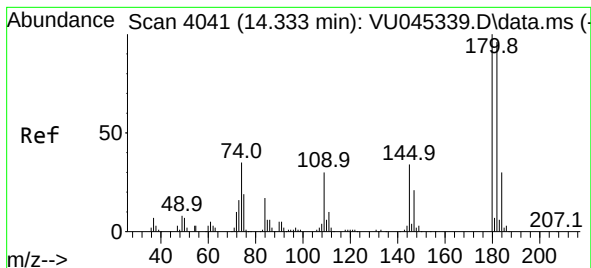
Tgt Ion:180 Resp: 4354
Ion Ratio Lower Upper
180 100
182 94.3 75.7 113.5
145 30.7 25.1 37.7



#71
Naphthalene
Concen: 1.853 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU045344.D
Acq: 20 Oct 2021 14:18

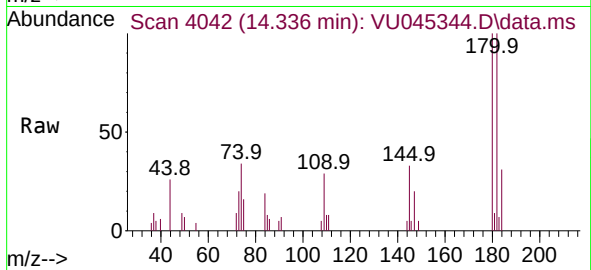
Tgt Ion:128 Resp: 15020
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 10.9 8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 1.910 ug/L
 RT: 14.336 min Scan# 4042
 Delta R.T. 0.003 min
 Lab File: VU045344.D
 Acq: 20 Oct 2021 14:18

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	4627
Ion Ratio	Lower	Upper	
180	100		
182	91.9	75.0	112.4
145	32.6	26.4	39.6

