

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
 Data File : VU044262.D
 Acq On : 30 Jun 2021 15:17
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 01 02:38:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 01 02:36:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	147877	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	141456	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	79233	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	34329	4.288	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.800%
7) Chloroethane-d5	1.916	69	35958	4.561	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.572	65	18066	4.396	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.000%
20) 2-Butanone-d5	4.633	46	124865	42.351	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.700%
24) Chloroform-d	5.073	84	84109	4.667	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.710	65	47724	4.430	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
32) Benzene-d6	5.735	84	168469	4.795	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	6.700	67	54162	4.757	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.906	98	160924	4.936	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
43) trans-1,3-Dichloroprop...	8.186	79	22556	4.271	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.639	63	107811	42.861	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.720%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	43476	4.295	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.000%
66) 1,2-Dichlorobenzene-d4	12.201	152	66295	5.078	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						Qvalue
6) Bromomethane	1.864	94	484	0.072	ug/L	77
16) Methylene chloride	3.054	84	4818	0.419	ug/L	98
25) Chloroform	5.099	83	2857	0.154	ug/L	96
27) 1,2-Dichloroethane	5.739	62	941	0.076	ug/L #	76
34) Trichloroethene	6.552	95	709	0.071	ug/L	94
35) Methylcyclohexane	6.700	83	12896	0.777	ug/L #	17
37) 1,2-Dichloropropane	6.700	63	6304	0.643	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	1642	0.102	ug/L #	45
42) Toluene	7.977	91	3006	0.074	ug/L #	21
48) 2-Hexanone	8.690	43	5739	1.034	ug/L #	95
49) Dibromochloromethane	8.559	129	650	0.069	ug/L #	11
51) Chlorobenzene	9.452	112	1925	0.074	ug/L #	88
61) 1,2,3-Trichloropropane	11.816	75	9993	1.397	ug/L #	67
67) 1,2-Dichlorobenzene	12.221	146	1797	0.088	ug/L	88
70) 1,2,4-trichlorobenzene	13.848	180	2171	0.155	ug/L	98
71) Naphthalene	14.095	128	8975	0.353	ug/L	99
72) 1,2,3-Trichlorobenzene	14.340	180	2025	0.167	ug/L	95

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Quant Time: Jul 01 02:38:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jul 01 02:36:13 2021
Response via : Initial Calibration

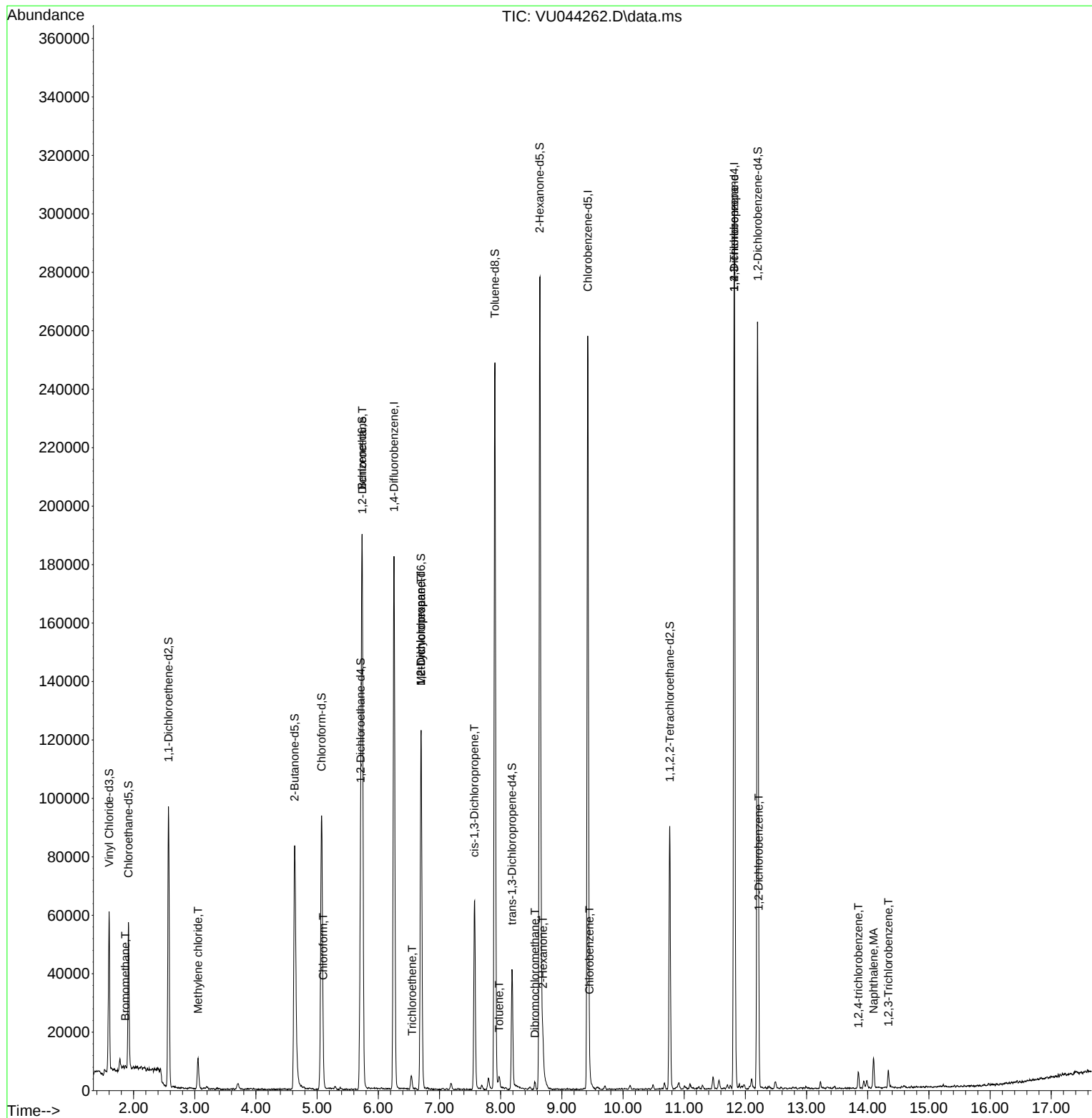
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

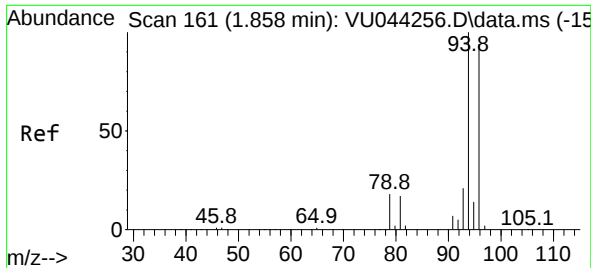
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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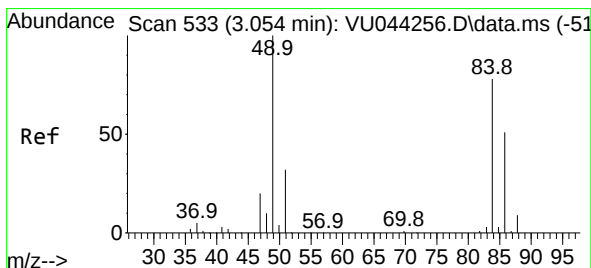
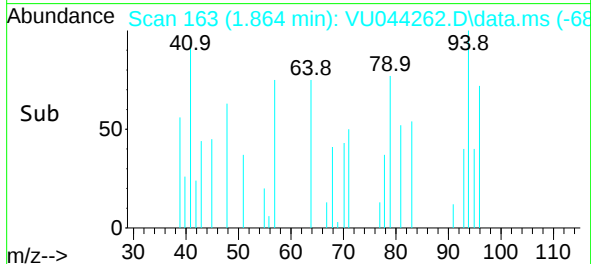
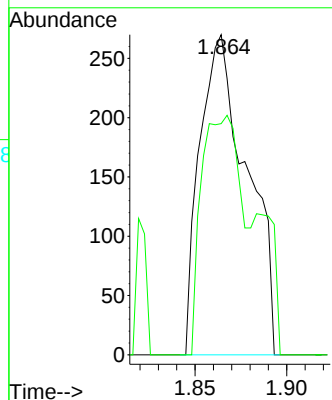
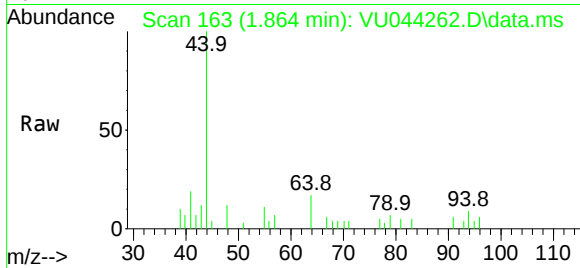




#6
Bromomethane
Concen: 0.072 ug/L
RT: 1.864 min Scan# 163
Delta R.T. 0.007 min
Lab File: VU044262.D
Acq: 30 Jun 2021 15:17

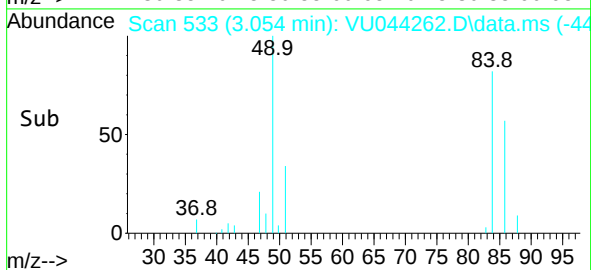
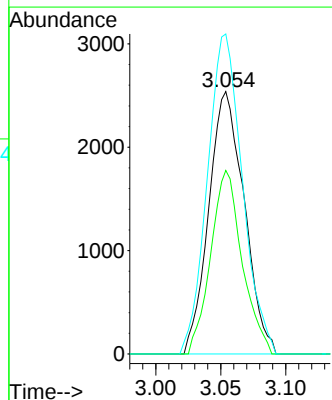
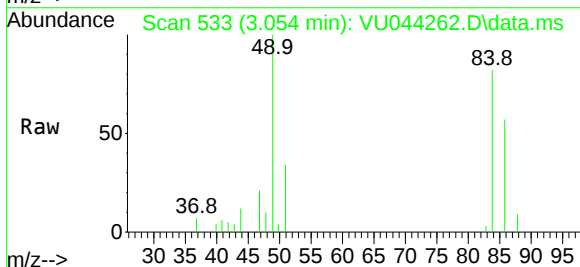
Instrument :
MSVOA_U
ClientSampleId :

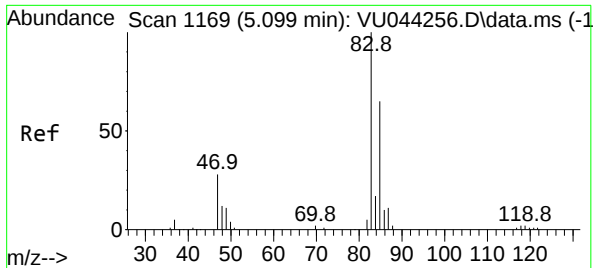
Tgt Ion: 94 Resp: 484
Ion Ratio Lower Upper
94 100
96 72.2 65.8 122.2



#16
Methylene chloride
Concen: 0.419 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU044262.D
Acq: 30 Jun 2021 15:17

Tgt Ion: 84 Resp: 4818
Ion Ratio Lower Upper
84 100
86 69.9 46.1 85.5
49 127.0 88.4 164.2





#25

Chloroform

Concen: 0.154 ug/L

RT: 5.099 min Scan# 1169

Delta R.T. 0.000 min

Lab File: VU044262.D

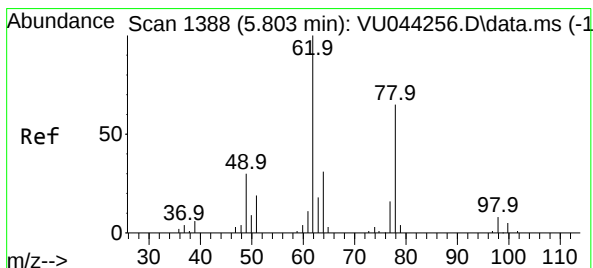
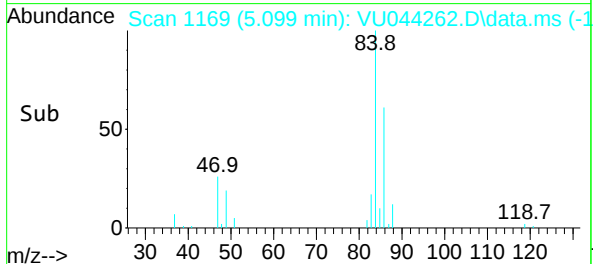
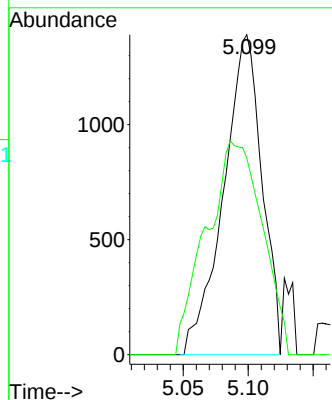
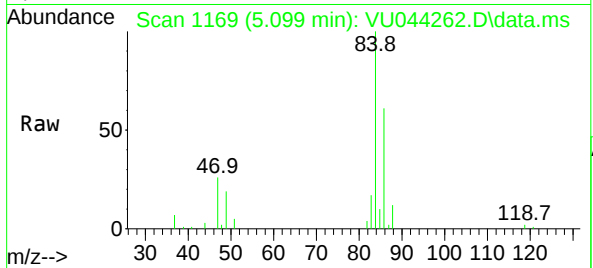
Acq: 30 Jun 2021 15:17

Tgt Ion: 83 Resp: 2857

Ion Ratio Lower Upper

83 100

85 61.5 45.2 84.0



#27

1,2-Dichloroethane

Concen: 0.076 ug/L

RT: 5.739 min Scan# 1368

Delta R.T. -0.064 min

Lab File: VU044262.D

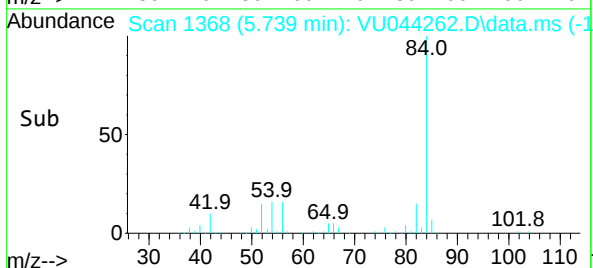
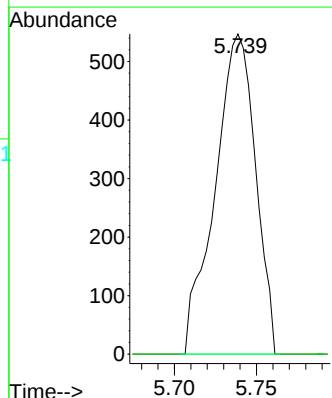
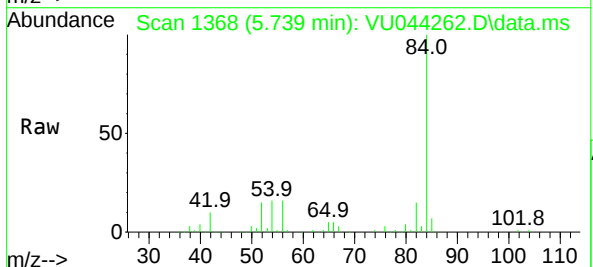
Acq: 30 Jun 2021 15:17

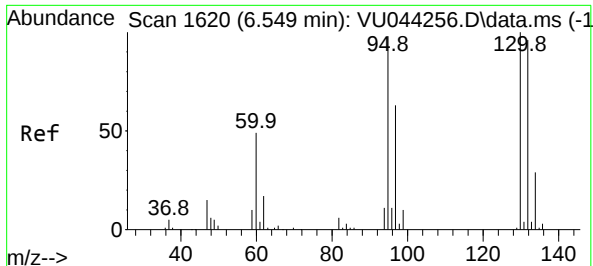
Tgt Ion: 62 Resp: 941

Ion Ratio Lower Upper

62 100

98 0.0 6.8 10.2#





#34

Trichloroethene

Concen: 0.071 ug/L

RT: 6.552 min Scan# 1621

Delta R.T. 0.003 min

Lab File: VU044262.D

Acq: 30 Jun 2021 15:17

Tgt Ion: 95 Resp: 709

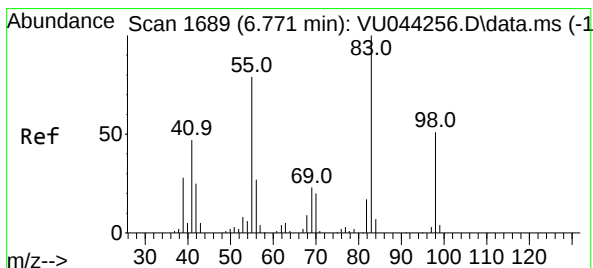
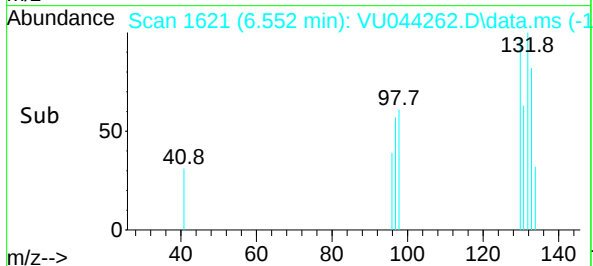
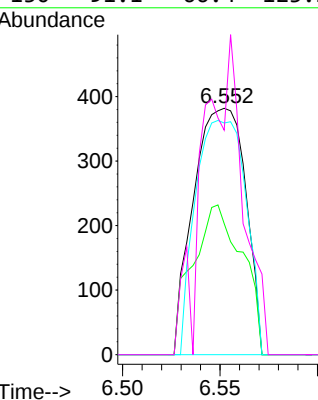
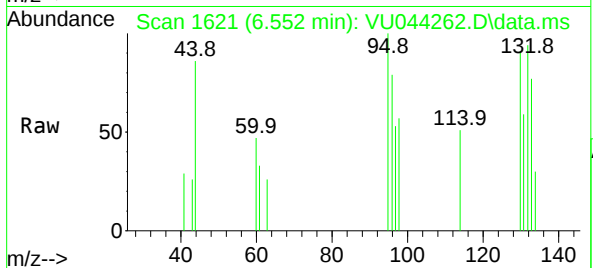
Ion Ratio Lower Upper

95 100

97 53.1 44.3 82.3

132 94.0 64.3 119.5

130 91.1 66.4 123.2



#35

Methylcyclohexane

Concen: 0.777 ug/L

RT: 6.700 min Scan# 1667

Delta R.T. -0.071 min

Lab File: VU044262.D

Acq: 30 Jun 2021 15:17

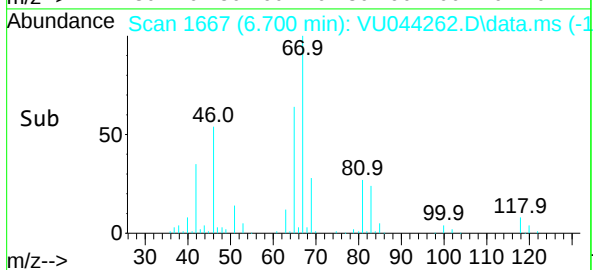
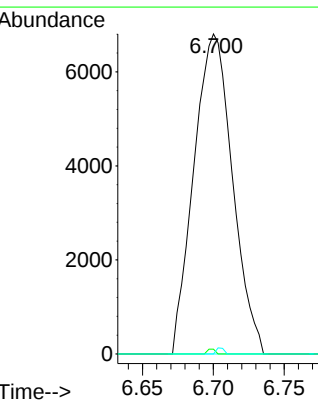
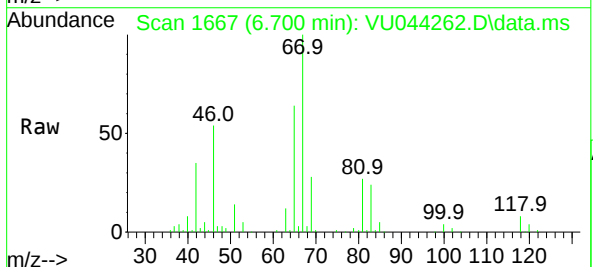
Tgt Ion: 83 Resp: 12896

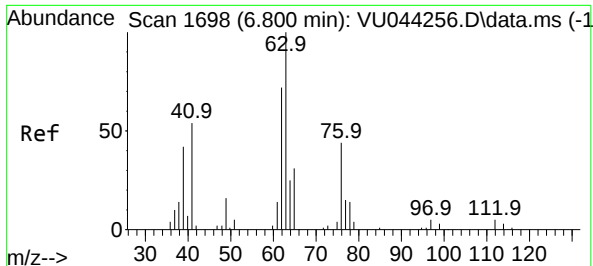
Ion Ratio Lower Upper

83 100

55 0.3 63.4 95.0#

98 0.4 39.4 59.0#



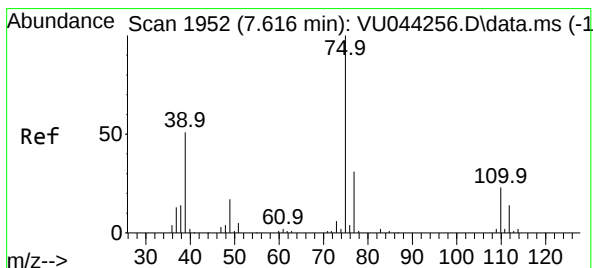
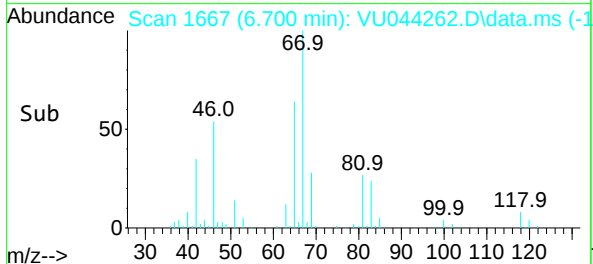
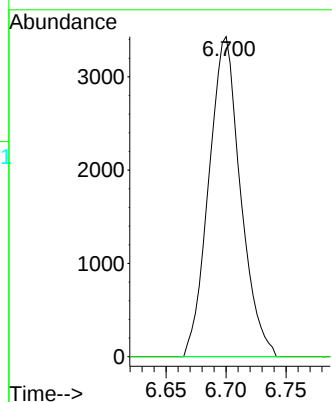
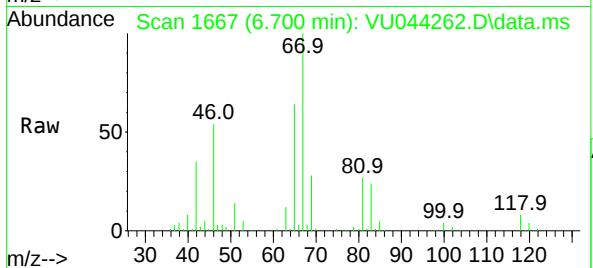


#37

1,2-Dichloropropane
Concen: 0.643 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU044262.D
Acq: 30 Jun 2021 15:17

Instrument :
MSVOA_U
ClientSampled :

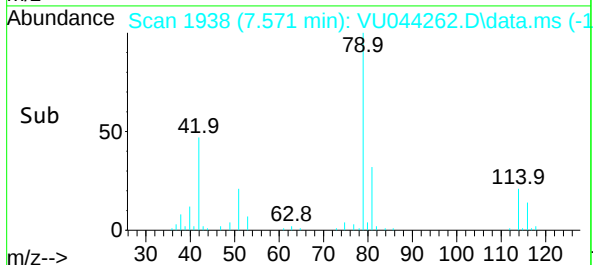
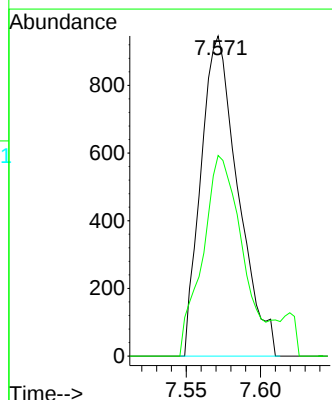
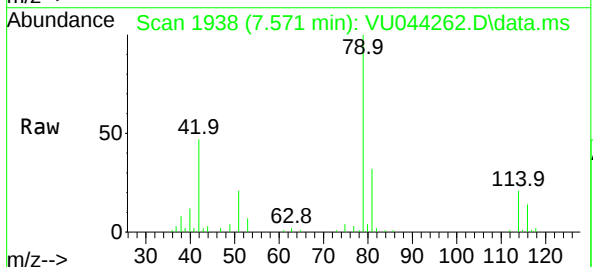
Tgt Ion: 63 Resp: 6304
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

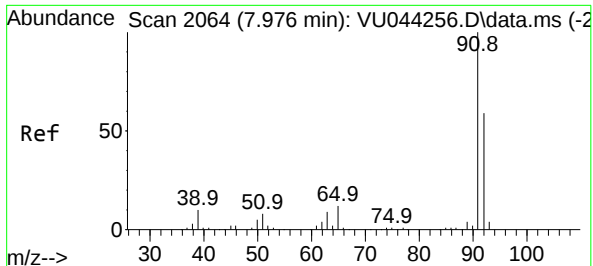


#39

cis-1,3-Dichloropropene
Concen: 0.102 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU044262.D
Acq: 30 Jun 2021 15:17

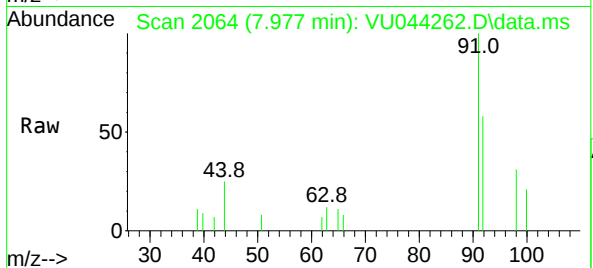
Tgt Ion: 75 Resp: 1642
Ion Ratio Lower Upper
75 100
77 62.7 22.5 41.7#



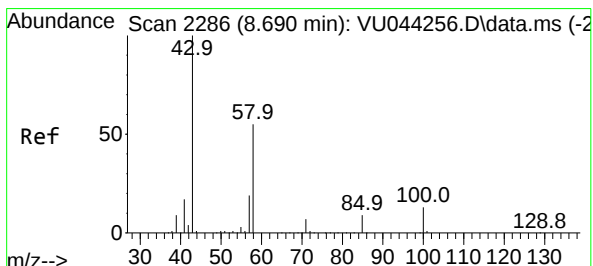
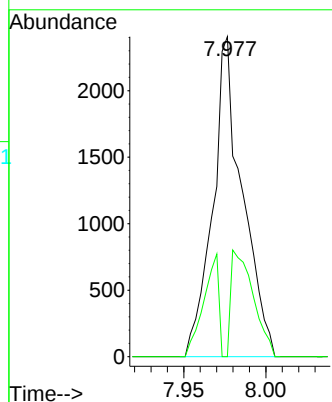
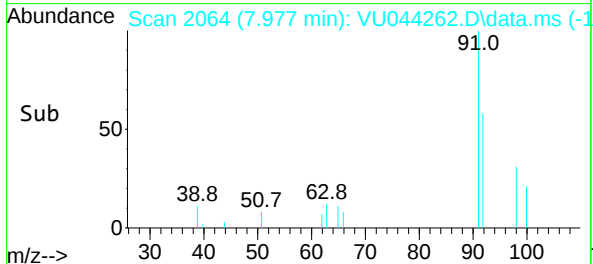


#42
Toluene
Concen: 0.074 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU044262.D
Acq: 30 Jun 2021 15:17

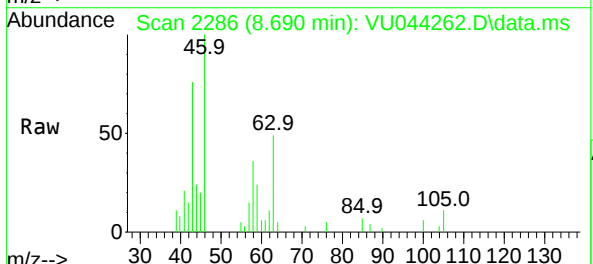
Instrument :
MSVOA_U
ClientSampled :



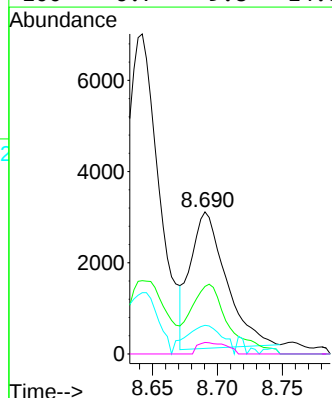
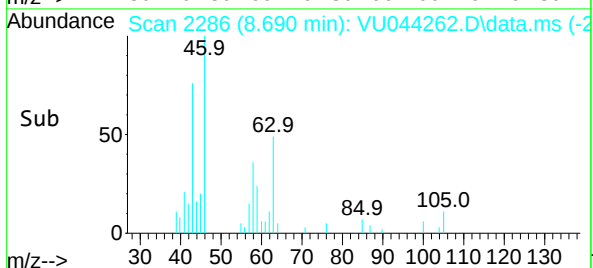
Tgt Ion: 91 Resp: 3006
Ion Ratio Lower Upper
91 100
92 0.0 41.2 76.6#

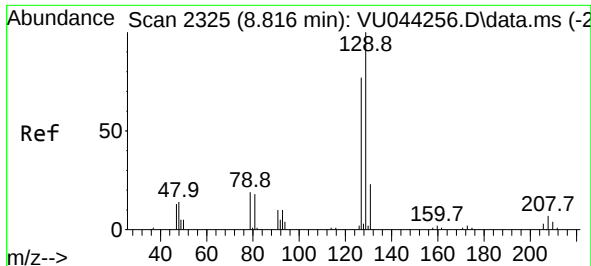


#48
2-Hexanone
Concen: 1.034 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. 0.000 min
Lab File: VU044262.D
Acq: 30 Jun 2021 15:17



Tgt Ion: 43 Resp: 5739
Ion Ratio Lower Upper
43 100
58 53.5 44.7 67.1
57 21.3 15.7 23.5
100 6.7 9.8 14.8#

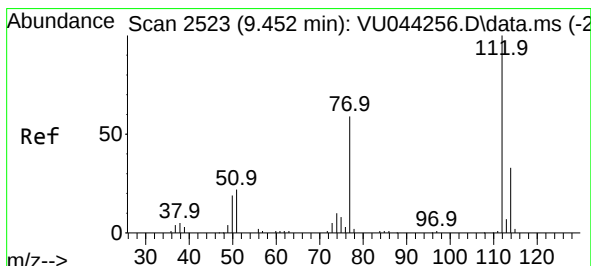
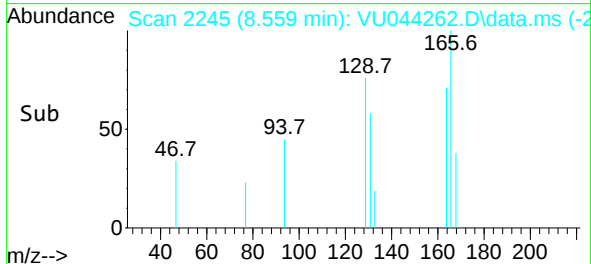
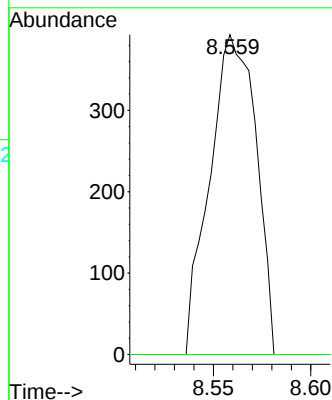
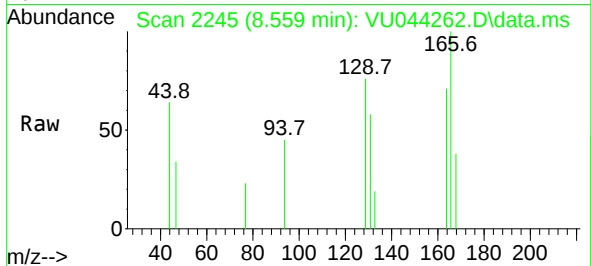




#49
Dibromochloromethane
Concen: 0.069 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. -0.257 min
Lab File: VU044262.D
Acq: 30 Jun 2021 15:17

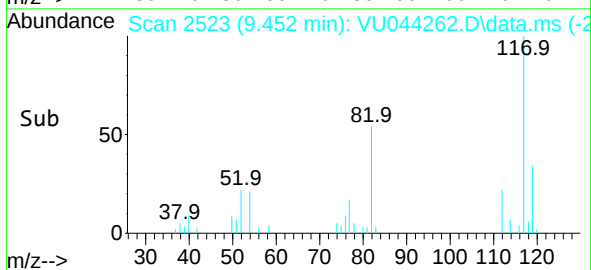
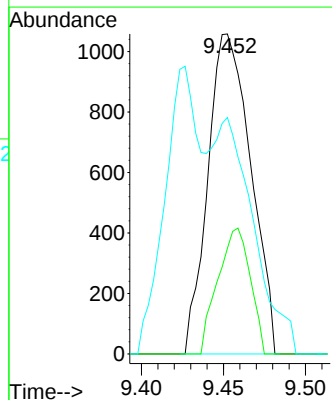
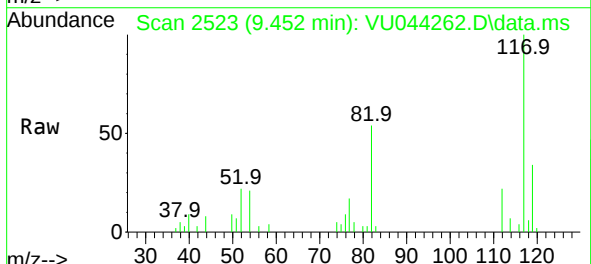
Instrument :
MSVOA_U
ClientSampled :

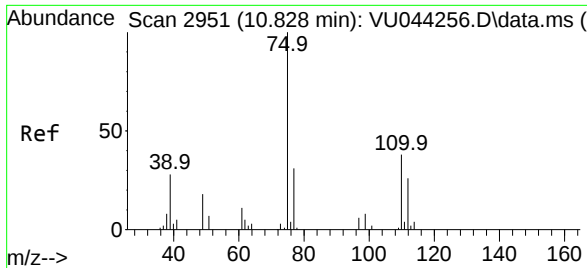
Tgt Ion:129 Resp: 650
Ion Ratio Lower Upper
129 100
127 0.0 53.6 99.6#



#51
Chlorobenzene
Concen: 0.074 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. 0.000 min
Lab File: VU044262.D
Acq: 30 Jun 2021 15:17

Tgt Ion:112 Resp: 1925
Ion Ratio Lower Upper
112 100
114 33.0 22.0 41.0
77 73.9 48.9 73.3#

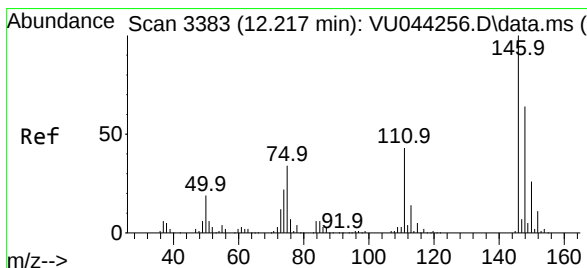
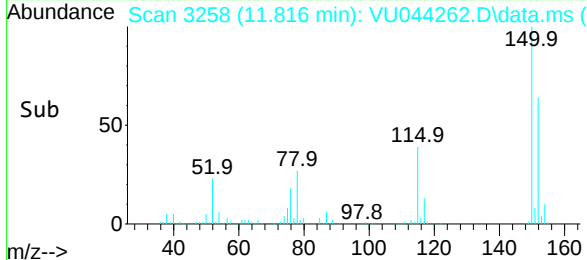
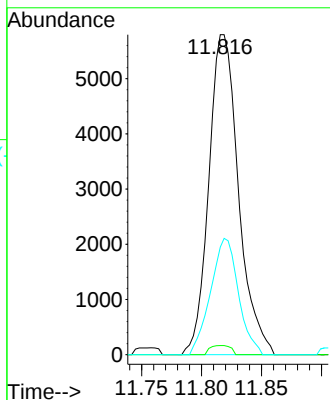
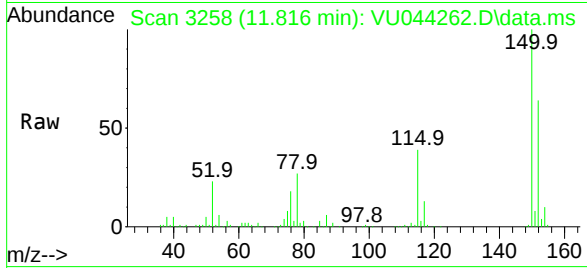




#61
1,2,3-Trichloropropane
Concen: 1.397 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU044262.D
Acq: 30 Jun 2021 15:17

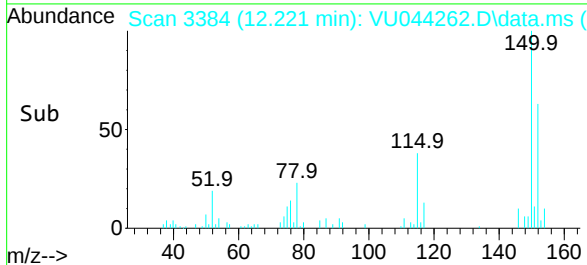
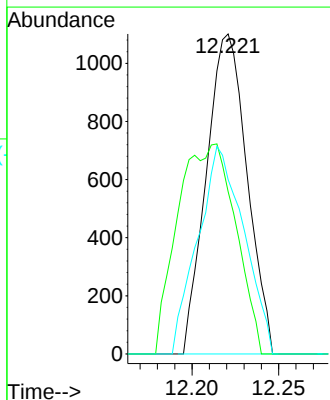
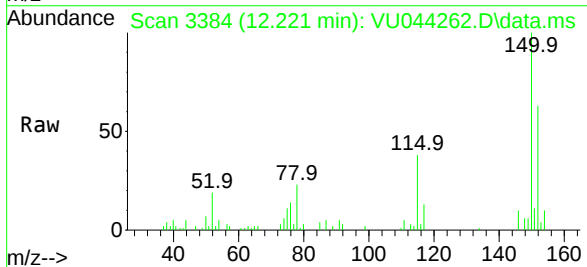
Instrument :
MSVOA_U
ClientSampleId :

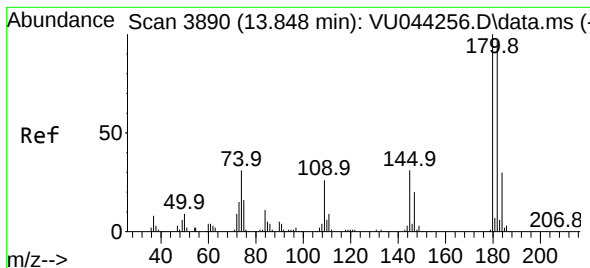
Tgt Ion: 75 Resp: 9993
Ion Ratio Lower Upper
75 100
110 2.0 30.5 45.7#
77 34.0 26.1 39.1



#67
1,2-Dichlorobenzene
Concen: 0.088 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.003 min
Lab File: VU044262.D
Acq: 30 Jun 2021 15:17

Tgt Ion: 146 Resp: 1797
Ion Ratio Lower Upper
146 100
111 50.8 35.0 52.6
148 54.5 51.2 76.8

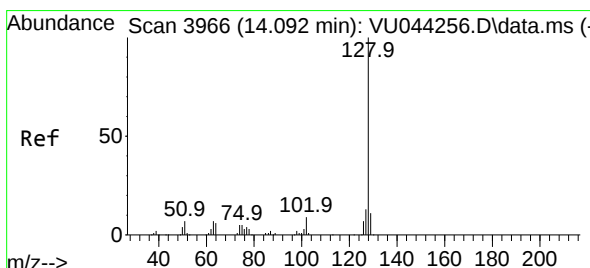
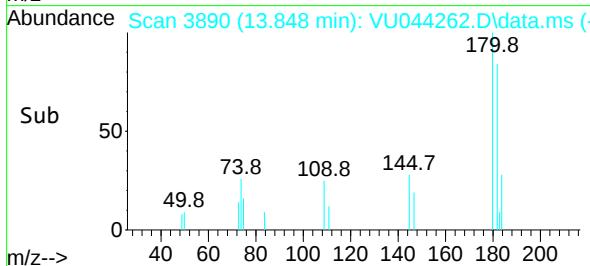
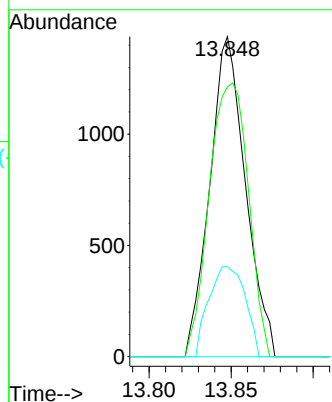
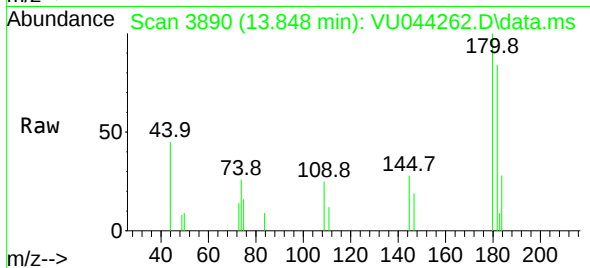




#70
1,2,4-trichlorobenzene
Concen: 0.155 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.000 min
Lab File: VU044262.D
Acq: 30 Jun 2021 15:17

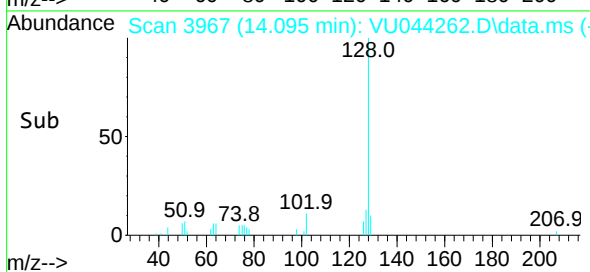
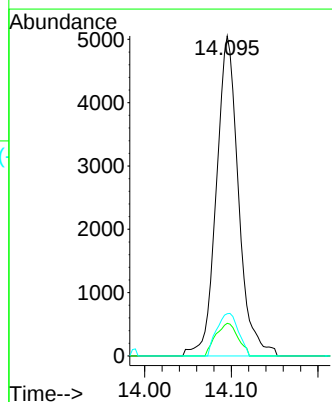
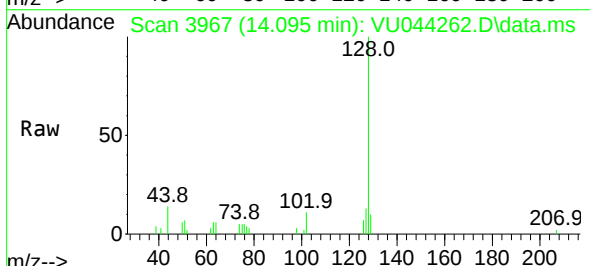
Instrument :
MSVOA_U
ClientSampled :

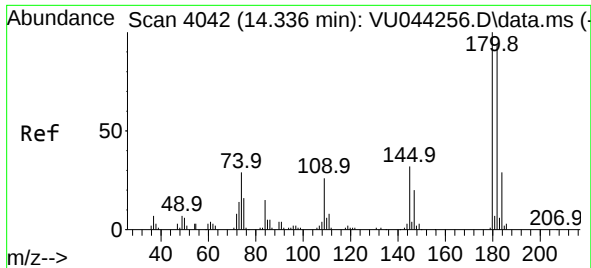
Tgt Ion:180 Resp: 2171
Ion Ratio Lower Upper
180 100
182 93.9 75.7 113.5
145 28.7 25.6 38.4



#71
Naphthalene
Concen: 0.353 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU044262.D
Acq: 30 Jun 2021 15:17

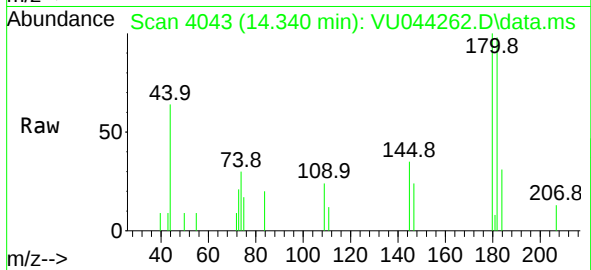
Tgt Ion:128 Resp: 8975
Ion Ratio Lower Upper
128 100
129 10.3 8.9 13.3
127 13.0 10.3 15.5





#72
 1,2,3-Trichlorobenzene
 Concen: 0.167 ug/L
 RT: 14.340 min Scan# 4043
 Delta R.T. 0.003 min
 Lab File: VU044262.D
 Acq: 30 Jun 2021 15:17

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.7	76.4	114.6
145	36.4	26.5	39.7

