

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
 Data File : VU044262.D
 Acq On : 30 Jun 2021 15:17
 Operator : SY/MD
 Sample : VIBLK131
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK131

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)

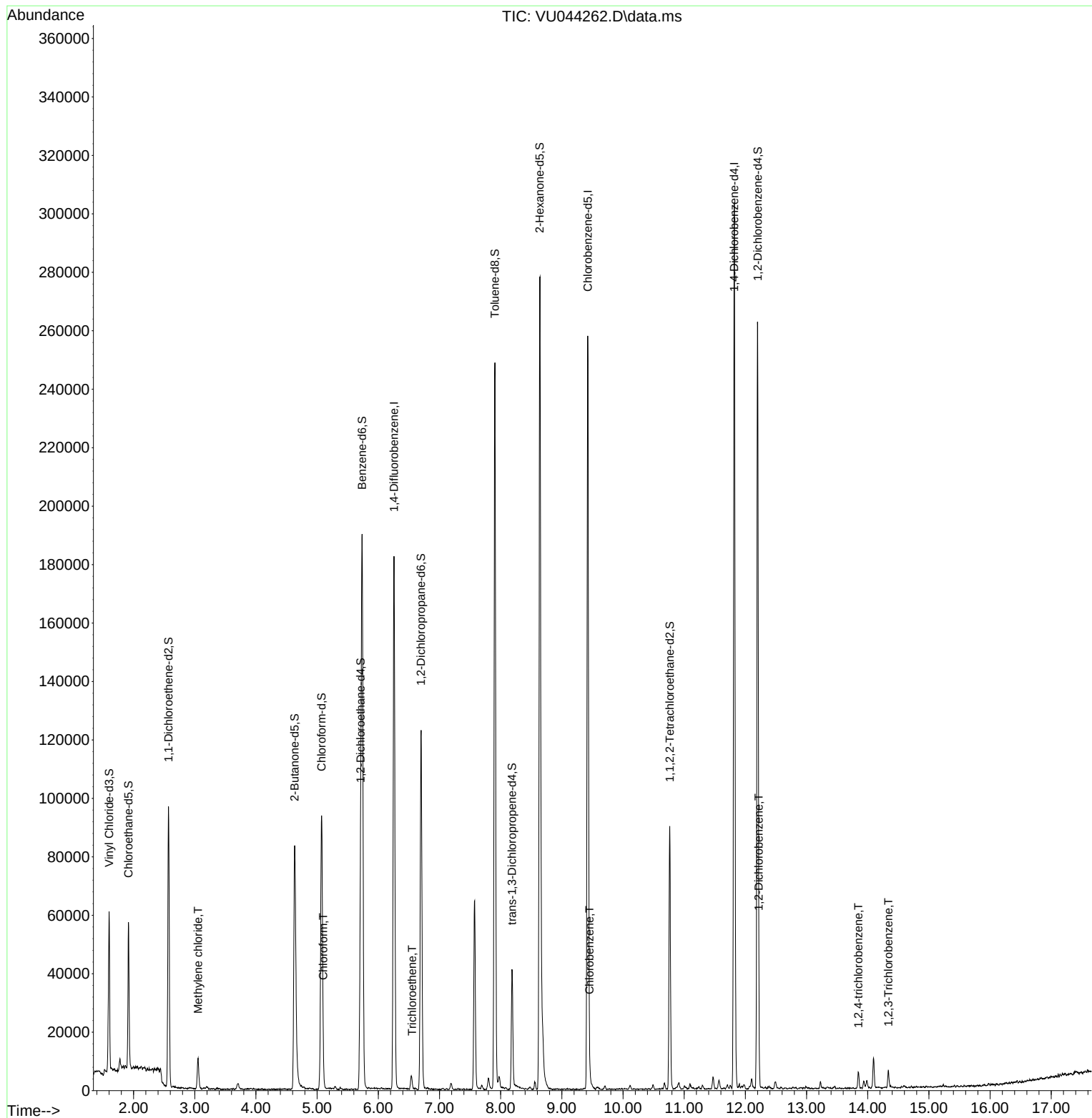
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	147877	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	141456	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	79233	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	34329	4.288	ug/L	0.00
Spiked Amount	5.000	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	
16) Methylene chloride	3.054	84	4818	0.419	ug/L	98
25) Chloroform	5.099	83	2857	0.154	ug/L	96
34) Trichloroethene	6.552	95	709	0.071	ug/L	94
51) Chlorobenzene	9.452	112	1925	0.074	ug/L #	88
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
72) 1,2,3-Trichlorobenzene	14.340	180	2025	0.167	ug/L	95

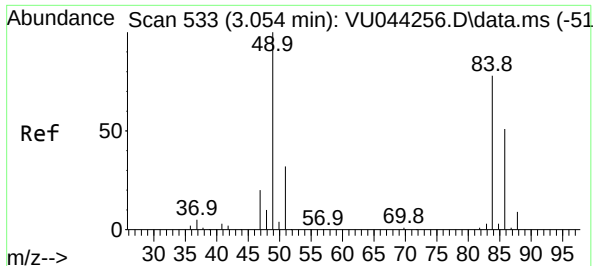
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
Data File : VU044262.D
Acq On : 30 Jun 2021 15:17
Operator : SY/MD
Sample : VIBLK131
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK131

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

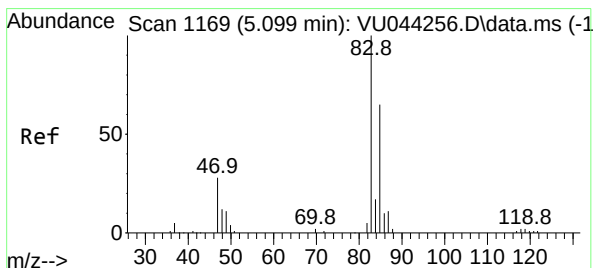
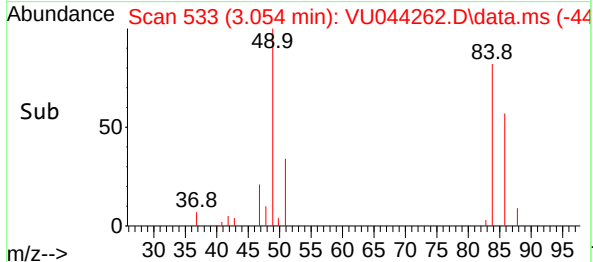
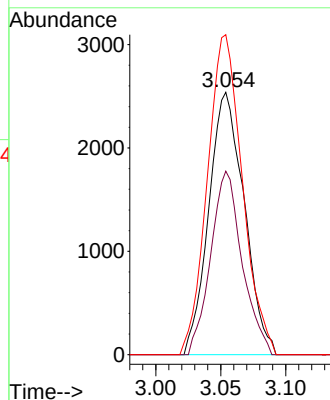
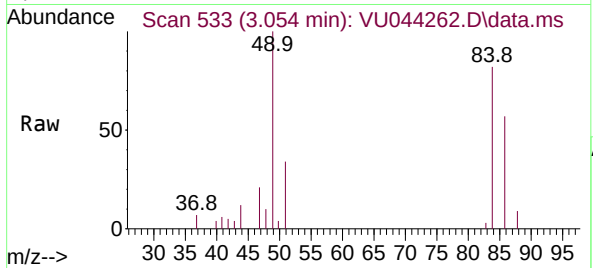




#16
Methylene chloride
Concen: 0.419 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU044262.D
Acq: 30 Jun 2021 15:17

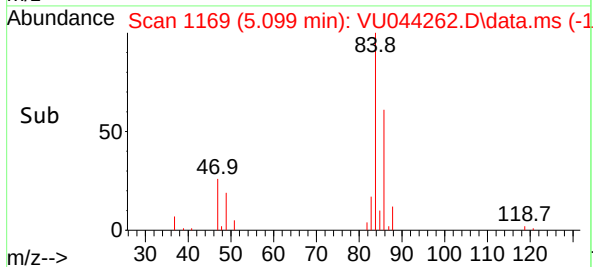
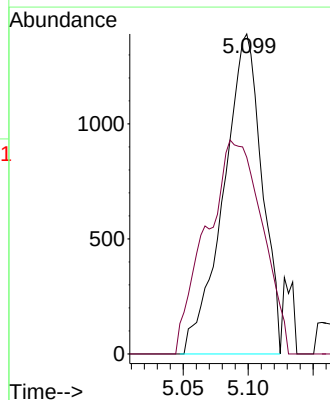
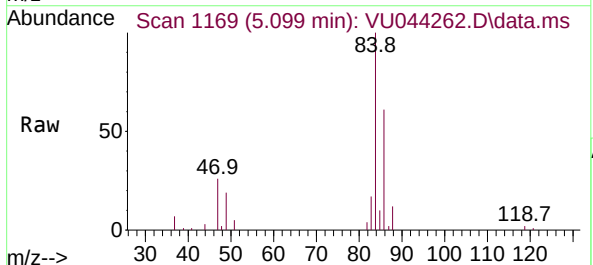
Instrument :
MSVOA_U
ClientSampleId :
VIBLK131

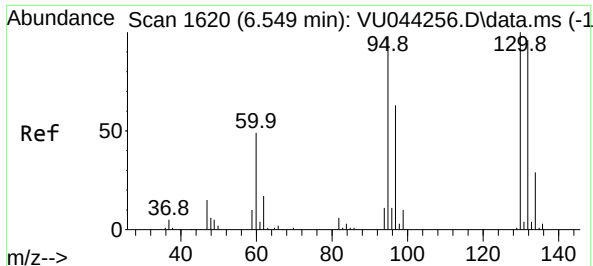
Tgt Ion: 84 Resp: 4818
Ion Ratio Lower Upper
84 100
86 69.9 46.1 85.5
49 127.0 88.4 164.2



#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





#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

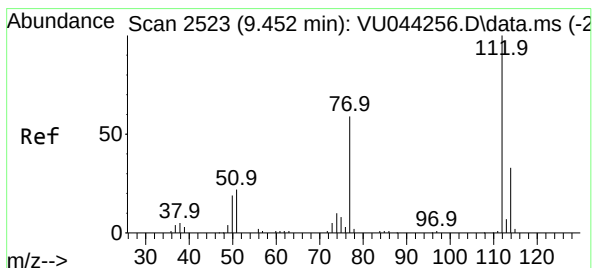
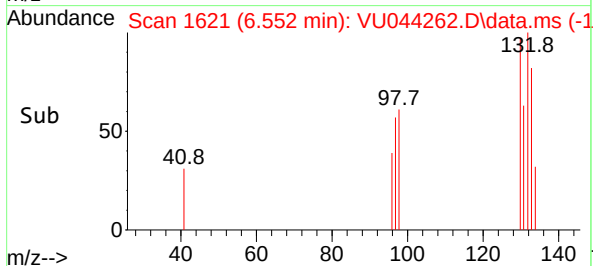
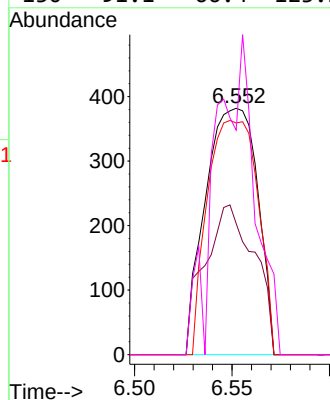
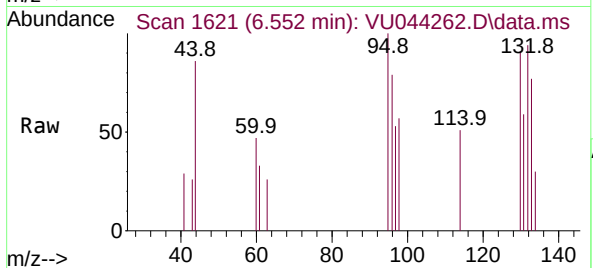
Ion Ratio Lower Upper

95 100

97 53.1 44.3 82.3

132 94.0 64.3 119.5

130 91.1 66.4 123.2



#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

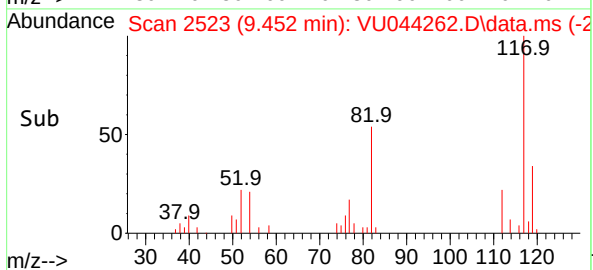
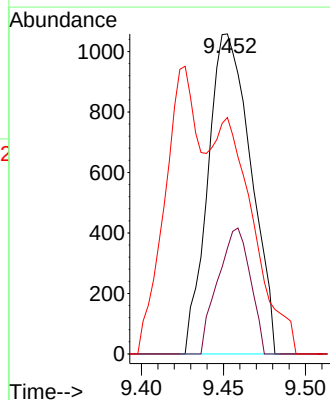
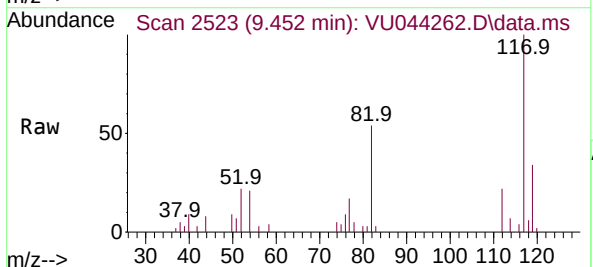
Tgt Ion: 112 Resp: 1925

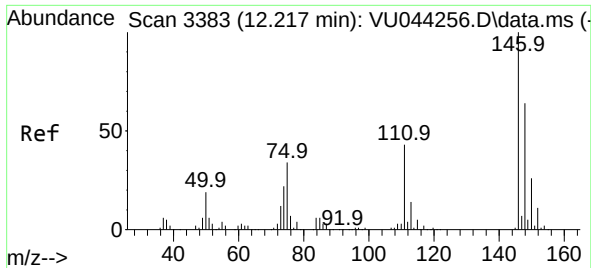
Ion Ratio Lower Upper

112 100

114 33.0 22.0 41.0

77 73.9 48.9 73.3#

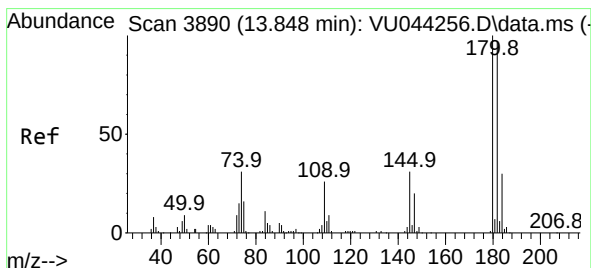
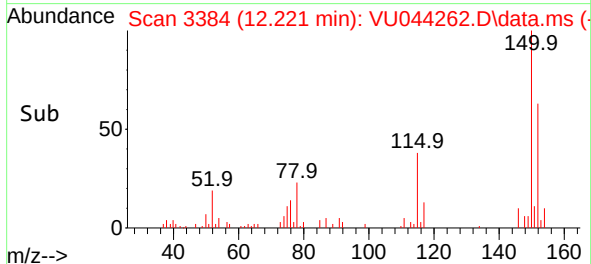
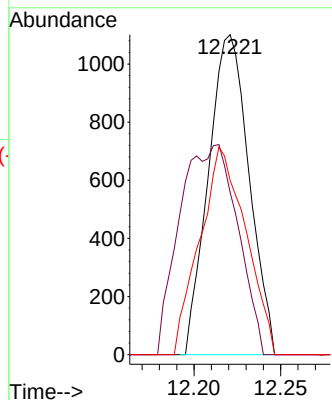
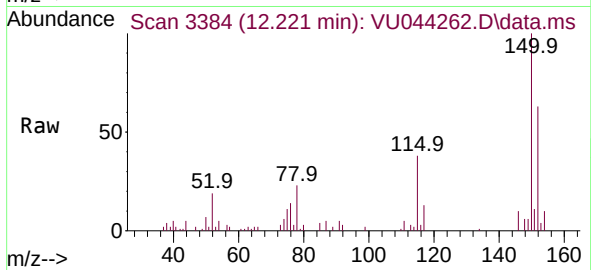




#67
1,2-Dichlorobenzene
Concen: 0.088 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.003 min
Lab File: VU044262.D
Acq: 30 Jun 2021 15:17

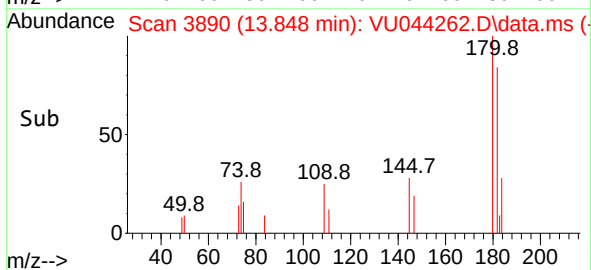
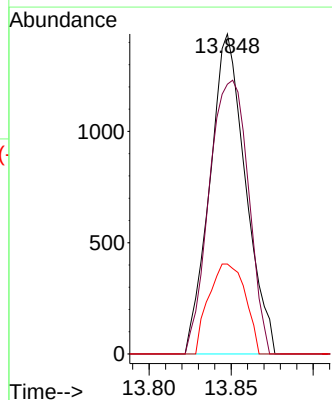
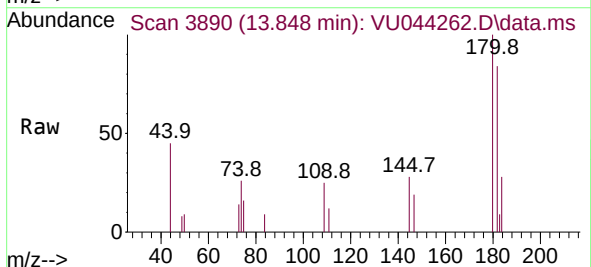
Instrument :
MSVOA_U
ClientSampled :
VIBLK131

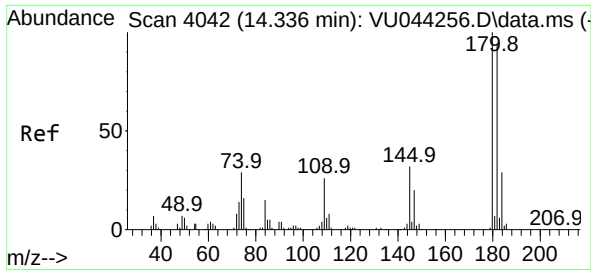
Tgt Ion:146 Resp: 1797
Ion Ratio Lower Upper
146 100
111 50.8 35.0 52.6
148 54.5 51.2 76.8



#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

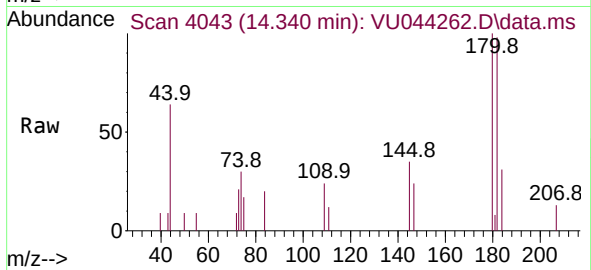
Tgt Ion:180 Resp: 2171
Ion Ratio Lower Upper
180 100
182 93.9 75.7 113.5
145 28.7 25.6 38.4





#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 :
 VIBLK131



Tgt Ion:	180	Resp:	2025
Ion Ratio	Lower	Upper	
180	100		
182	100.7	76.4	114.6
145	36.4	26.5	39.7

