

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072222\
 Data File : VU049849.D
 Acq On : 22 Jul 2022 14:55
 Operator : SY/MD
 Sample : VU0722WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK095

Quant Time: Jul 23 01:05:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 23 01:04:38 2022
 Response via : Initial Calibration

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

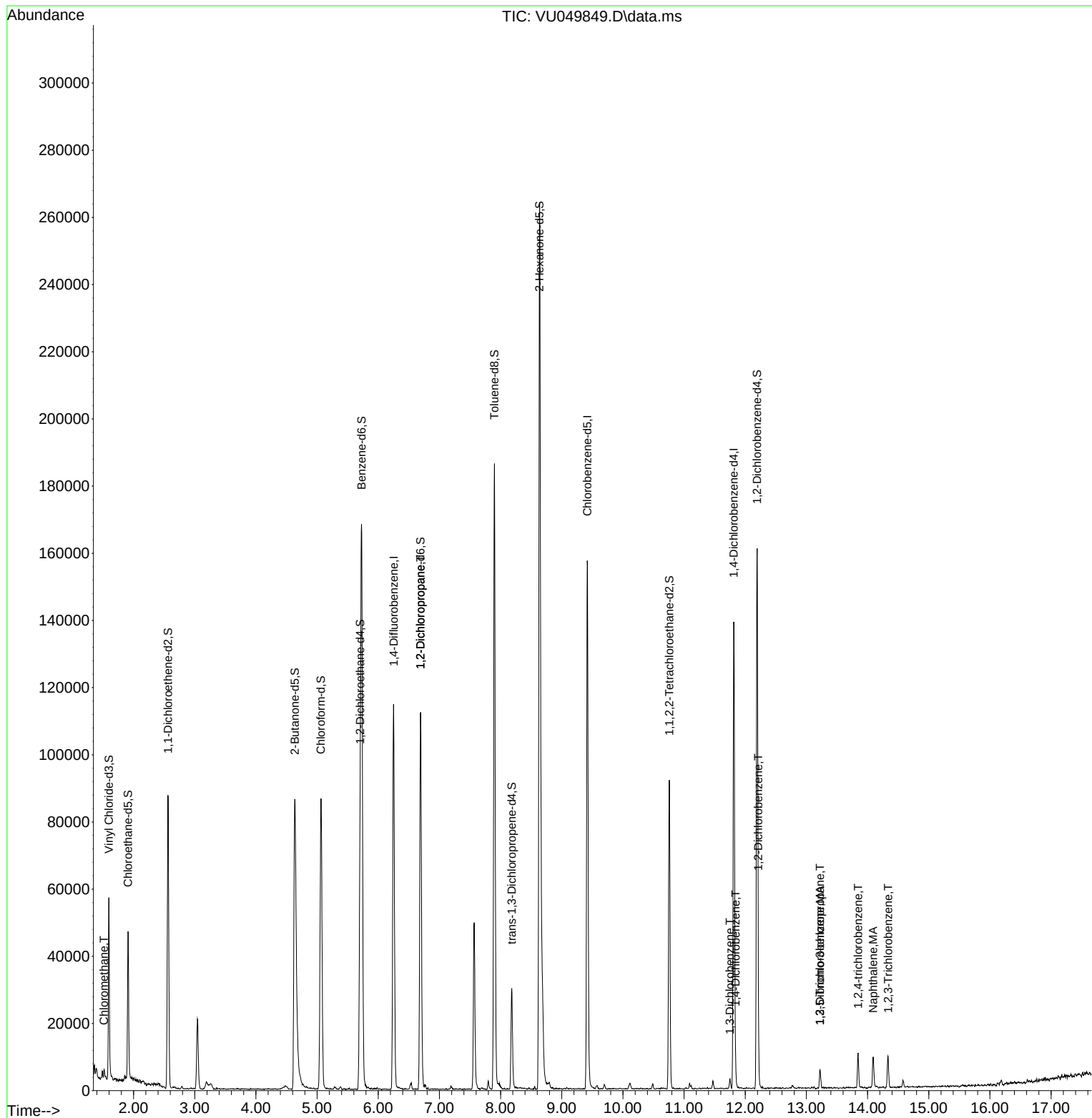
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	88707	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	84155	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	35992	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	39101	5.445	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 108.800%	
7) Chloroethane-d5	1.909	69	30549	5.083	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 101.600%	
11) 1,1-Dichloroethene-d2	2.565	65	16714	5.214	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 104.200%	
20) 2-Butanone-d5	4.636	46	150003	58.051	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 116.100%	
24) Chloroform-d	5.063	84	80698	5.045	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 101.000%	
26) 1,2-Dichloroethane-d4	5.703	65	49326	5.259	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 105.200%	
32) Benzene-d6	5.729	84	147919	5.158	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 103.200%	
36) 1,2-Dichloropropane-d6	6.690	67	52469	5.296	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 106.000%	
41) Toluene-d8	7.899	98	120358	4.802	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 96.000%	
43) trans-1,3-Dichloroprop...	8.182	79	17832	4.958	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 99.200%	
46) 2-Hexanone-d5	8.636	63	83210	58.382	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 116.760%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	44812	5.386	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 107.800%	
66) 1,2-Dichlorobenzene-d4	12.195	152	39300	5.290	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 105.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.517	50	2401	0.208	ug/L	92
37) 1,2-Dichloropropane	6.690	63	5911	0.679	ug/L #	89
64) 1,3-Dichlorobenzene	11.748	146	1466	0.125	ug/L	94
65) 1,4-Dichlorobenzene	11.841	146	1982	0.170	ug/L	85
67) 1,2-Dichlorobenzene	12.211	146	1213	0.104	ug/L #	85
68) 1,2-Dibromo-3-chloropr...	13.221	75	339	0.316	ug/L #	8
69) 1,3,5-Trichlorobenzene	13.221	180	1986	0.228	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	3421	0.469	ug/L	97
71) Naphthalene	14.092	128	8946	0.629	ug/L	96
72) 1,2,3-Trichlorobenzene	14.336	180	3395	0.484	ug/L	99

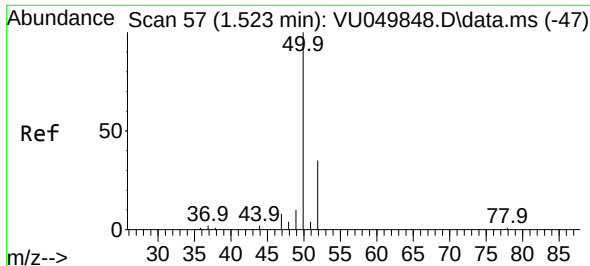
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072222\
Data File : VU049849.D
Acq On : 22 Jul 2022 14:55
Operator : SY/MD
Sample : VU07222WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK095

Quant Time: Jul 23 01:05:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jul 23 01:04:38 2022
Response via : Initial Calibration

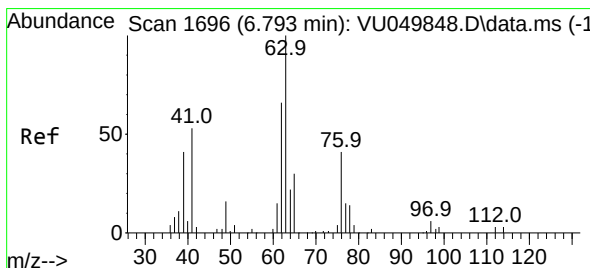
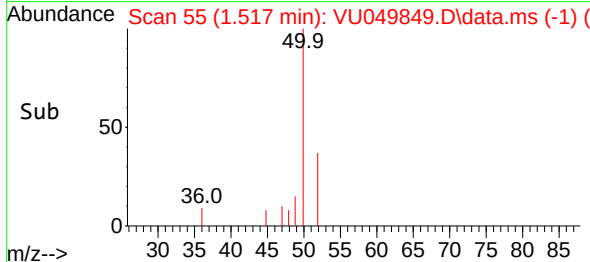
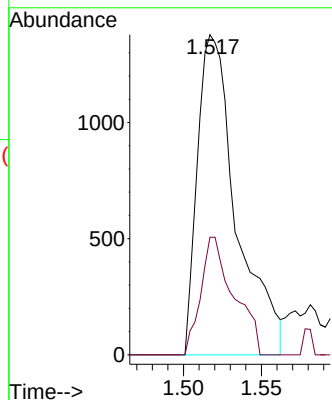
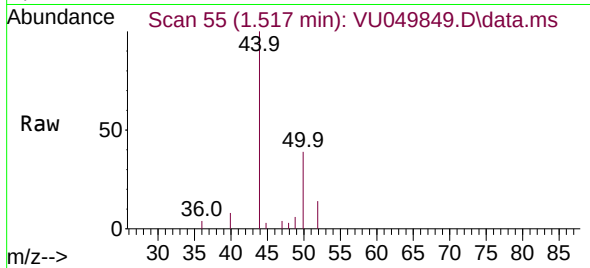




#3
Chloromethane
Concen: 0.208 ug/L
RT: 1.517 min Scan# 51
Delta R.T. -0.006 min
Lab File: VU049849.D
Acq: 22 Jul 2022 14:55

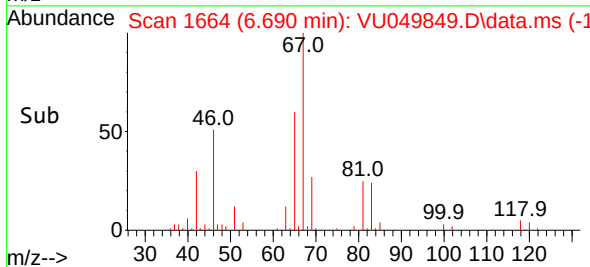
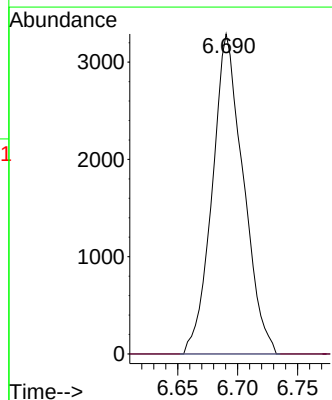
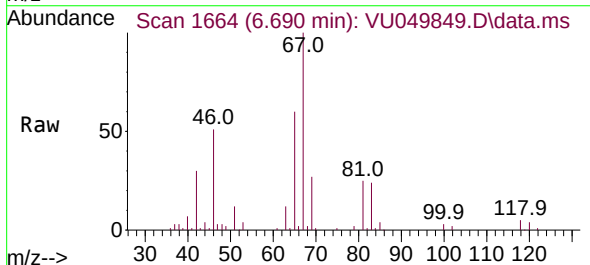
Instrument :
MSVOA_U
ClientSampleId :
VBLK095

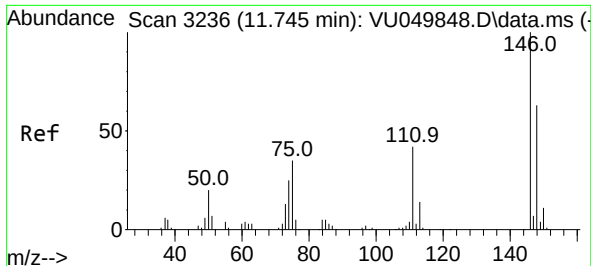
Tgt Ion: 50 Resp: 2401
Ion Ratio Lower Upper
50 100
52 36.7 22.5 41.7



#37
1,2-Dichloropropane
Concen: 0.679 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU049849.D
Acq: 22 Jul 2022 14:55

Tgt Ion: 63 Resp: 5911
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#

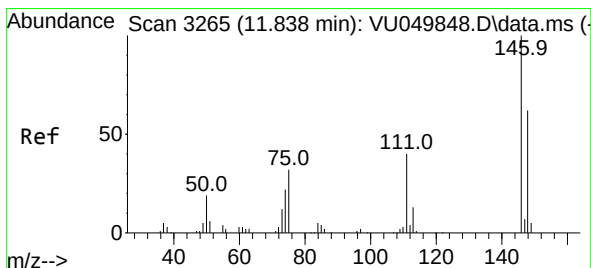
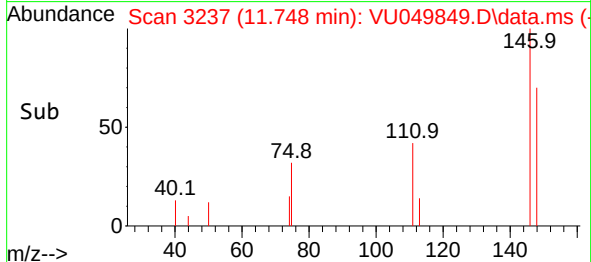
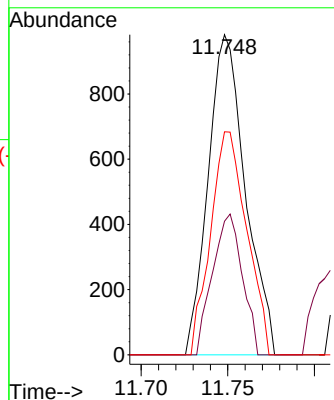
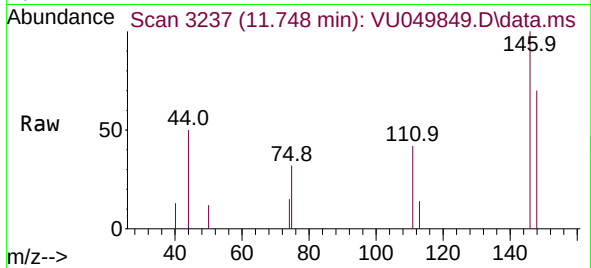




#64
1,3-Dichlorobenzene
Concen: 0.125 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU049849.D
Acq: 22 Jul 2022 14:55

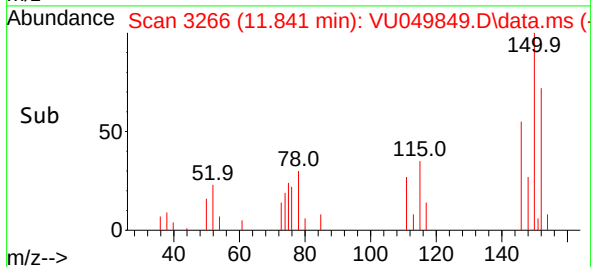
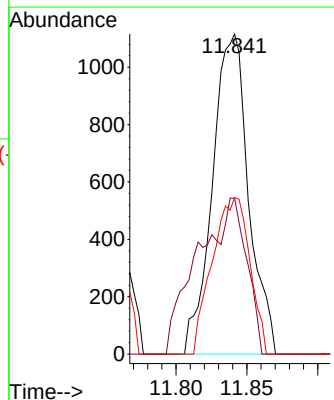
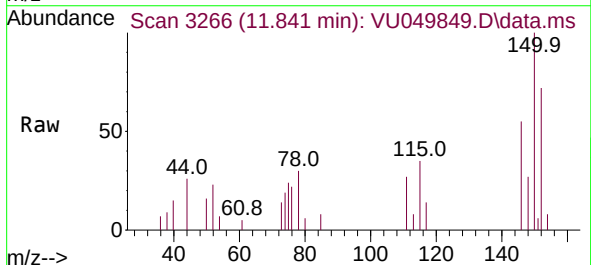
Instrument :
MSVOA_U
ClientSampleId :
VBLK095

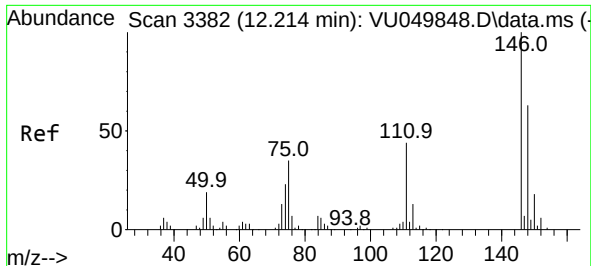
Tgt Ion:146 Resp: 1466
Ion Ratio Lower Upper
146 100
111 41.8 30.0 55.8
148 69.7 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 0.170 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.003 min
Lab File: VU049849.D
Acq: 22 Jul 2022 14:55

Tgt Ion:146 Resp: 1982
Ion Ratio Lower Upper
146 100
111 48.7 29.5 54.7
148 48.9 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 0.104 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU049849.D

Acq: 22 Jul 2022 14:55

Instrument :

MSVOA_U

ClientSampleId :

VBLK095

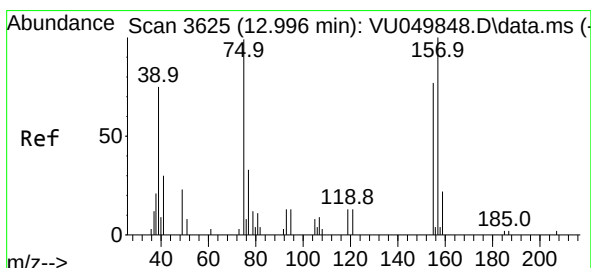
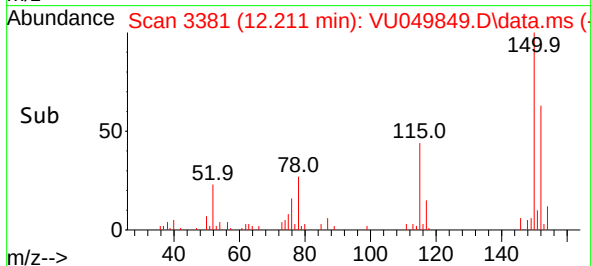
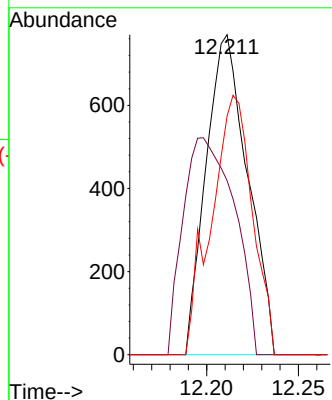
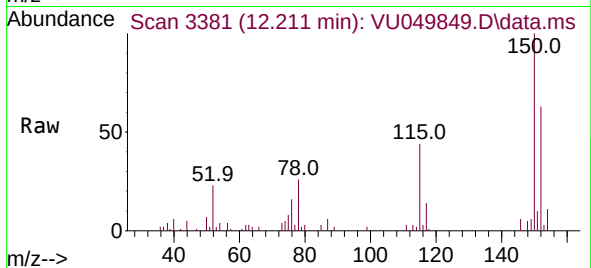
Tgt Ion:146 Resp: 1213

Ion Ratio Lower Upper

146 100

111 54.4 35.8 53.8#

148 74.5 50.3 75.5



#68

1,2-Dibromo-3-chloropropane

Concen: 0.316 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. 0.225 min

Lab File: VU049849.D

Acq: 22 Jul 2022 14:55

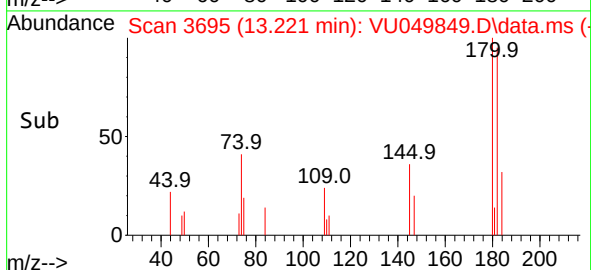
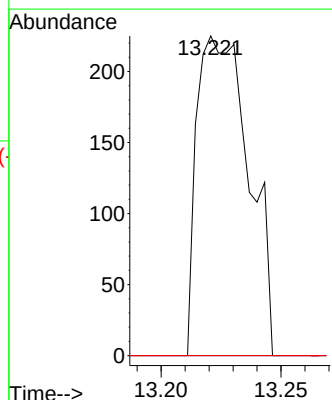
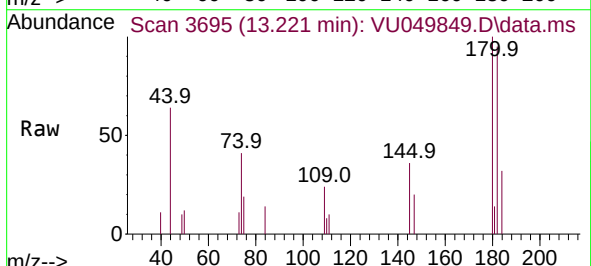
Tgt Ion: 75 Resp: 339

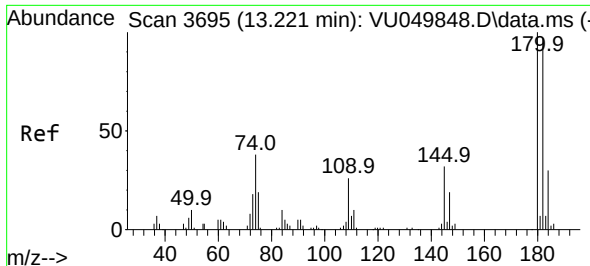
Ion Ratio Lower Upper

75 100

155 0.0 60.4 90.6#

157 0.0 70.0 105.0#





#69

1,3,5-Trichlorobenzene

Concen: 0.228 ug/L

RT: 13.221 min Scan# 3

Delta R.T. -0.000 min

Lab File: VU049849.D

Acq: 22 Jul 2022 14:55

Instrument :

MSVOA_U

ClientSampleId :

VBLK095

Tgt Ion:180 Resp: 1986

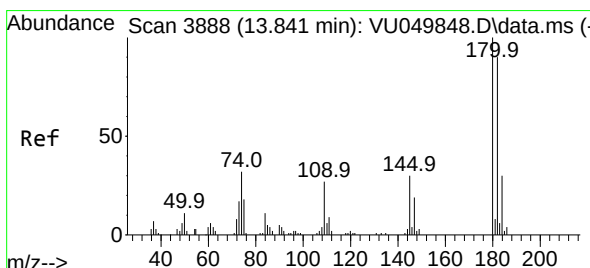
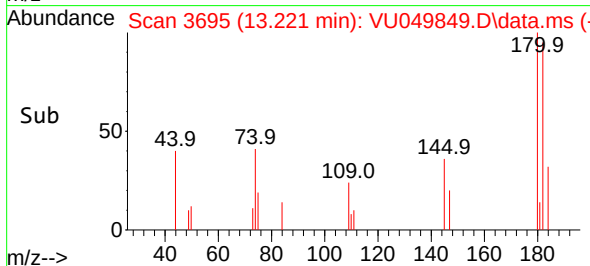
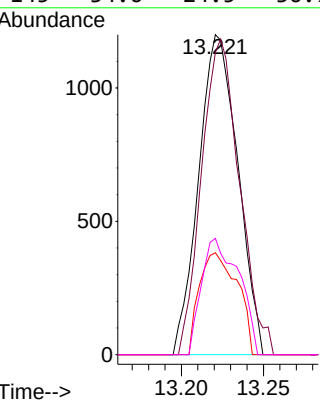
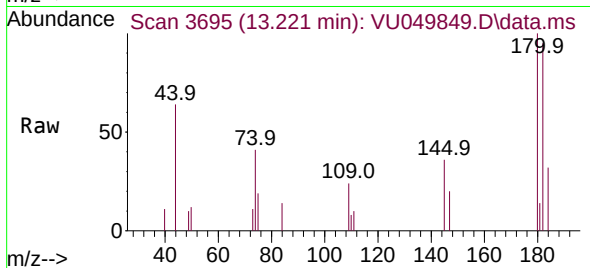
Ion Ratio Lower Upper

180 100

182 95.4 77.2 115.8

184 30.8 25.3 37.9

145 34.6 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 0.469 ug/L

RT: 13.844 min Scan# 3889

Delta R.T. 0.003 min

Lab File: VU049849.D

Acq: 22 Jul 2022 14:55

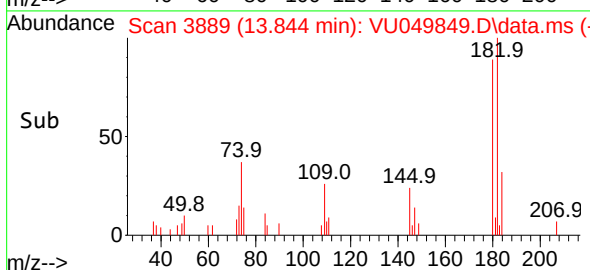
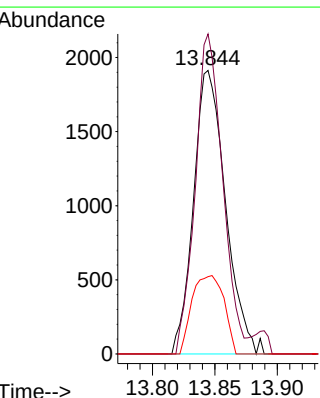
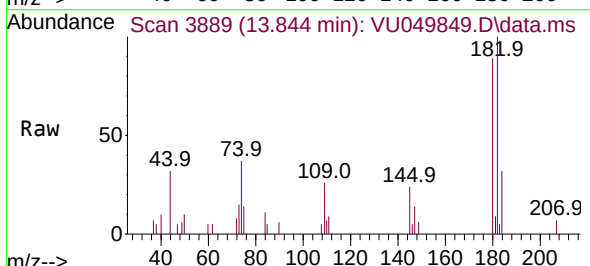
Tgt Ion:180 Resp: 3421

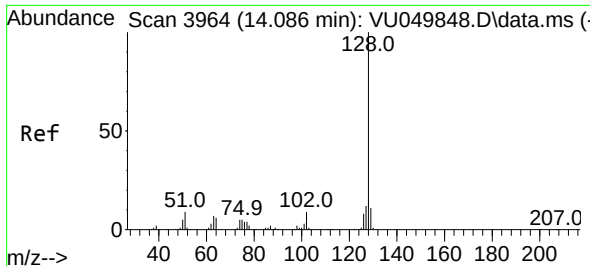
Ion Ratio Lower Upper

180 100

182 96.9 77.0 115.4

145 27.5 26.1 39.1

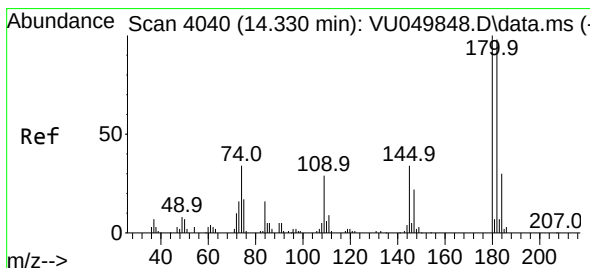
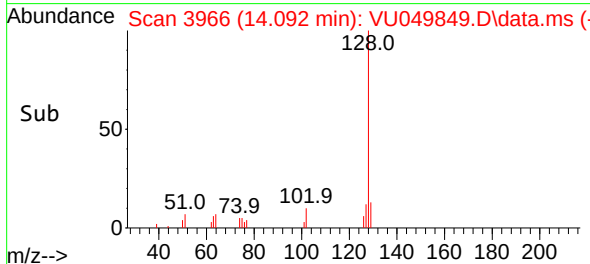
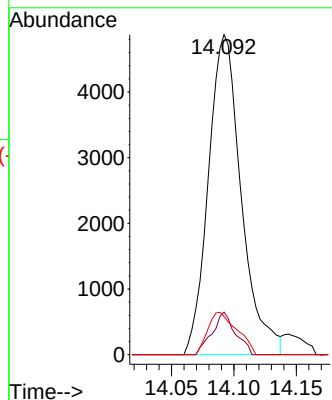
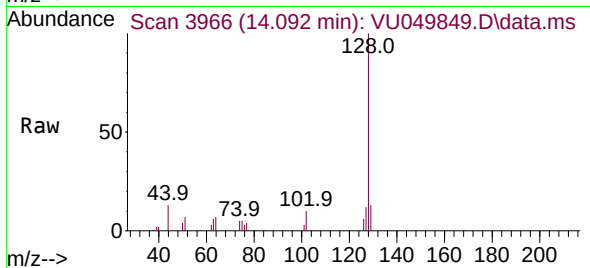




#71
Naphthalene
Concen: 0.629 ug/L
RT: 14.092 min Scan# 3964
Delta R.T. 0.006 min
Lab File: VU049849.D
Acq: 22 Jul 2022 14:55

Instrument :
MSVOA_U
ClientSampleId :
VBLK095

Tgt Ion:	128	Resp:	8946
Ion Ratio	Lower	Upper	
128	100		
129	9.4	8.2	12.4
127	11.7	11.1	16.7



#72
1,2,3-Trichlorobenzene
Concen: 0.484 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.006 min
Lab File: VU049849.D
Acq: 22 Jul 2022 14:55

Tgt Ion:	180	Resp:	3395
Ion Ratio	Lower	Upper	
180	100		
182	93.9	73.9	110.9
145	34.3	27.8	41.6

