

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012722\
 Data File : VU046864.D
 Acq On : 27 Jan 2022 12:27
 Operator : SY/MD
 Sample : N1260-07DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX8DL

Quant Time: Jan 28 00:58:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 28 00:56:24 2022
 Response via : Initial Calibration

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

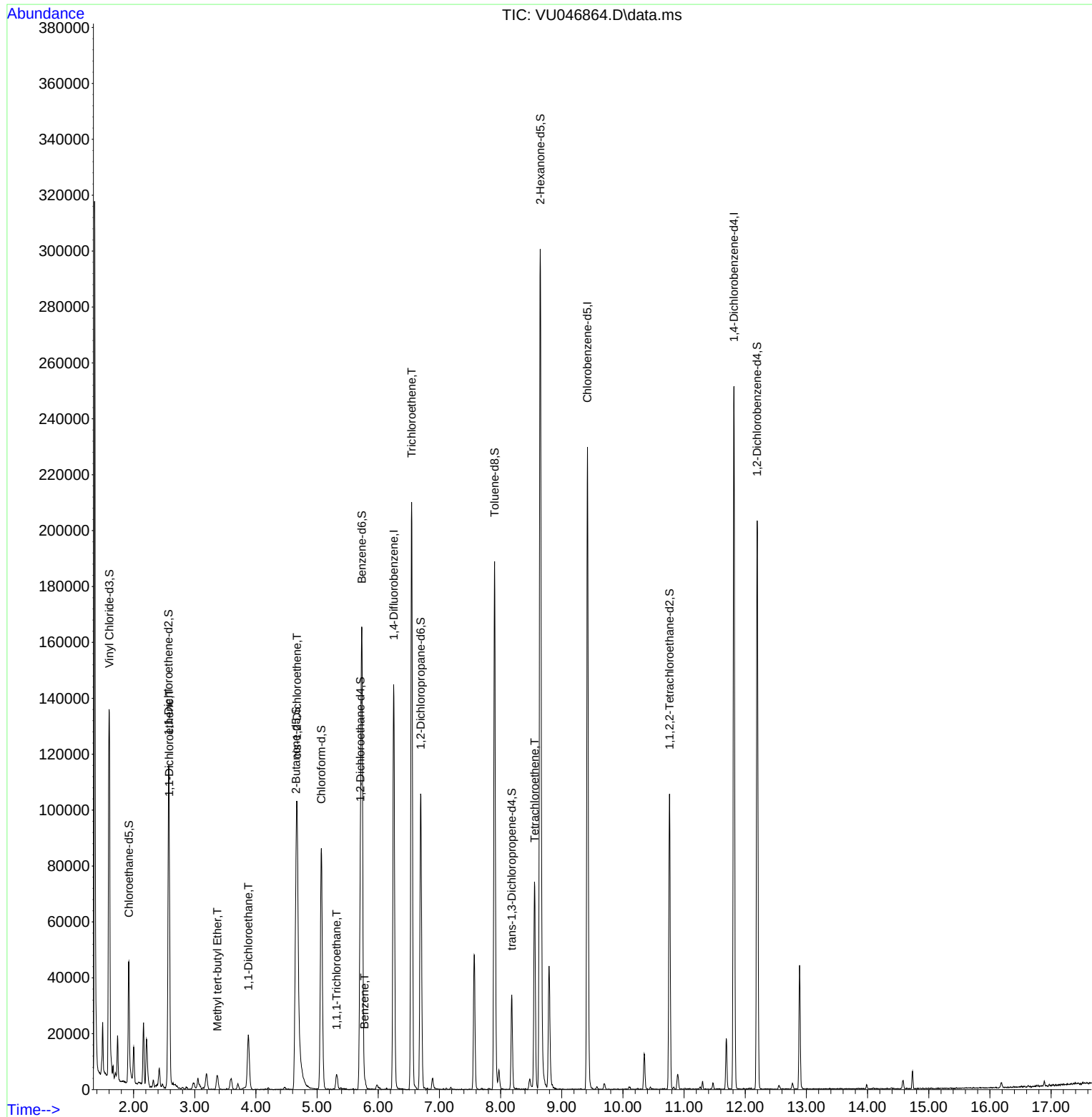
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	121570	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	131709	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	67912	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	40220	3.904	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.000%
7) Chloroethane-d5	1.922	69	36210	4.461	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.572	65	16905	4.126	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.600%
20) 2-Butanone-d5	4.658	46	152138	49.852	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.700%
24) Chloroform-d	5.070	84	81815	4.524	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.706	65	47366	4.810	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.732	84	159000	4.107	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	6.694	67	51727	4.451	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.902	98	130165	3.674	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.400%
43) trans-1,3-Dichloroprop...	8.182	79	19543	3.829	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.600%
46) 2-Hexanone-d5	8.648	63	133745	44.253	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.500%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	52858	4.530	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	53176	4.175	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.584	96	14183	2.089	ug/L #	53
17) Methyl tert-butyl Ether	3.369	73	4245	0.223	ug/L #	74
19) 1,1-Dichloroethane	3.877	63	22922	1.857	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	28717	3.703	ug/L	96
29) 1,1,1-Trichloroethane	5.317	97	4449	0.375	ug/L	94
33) Benzene	5.774	78	3027	0.098	ug/L	100
34) Trichloroethene	6.546	95	72743	9.035	ug/L	98
47) Tetrachloroethene	8.558	164	16340	2.495	ug/L	99

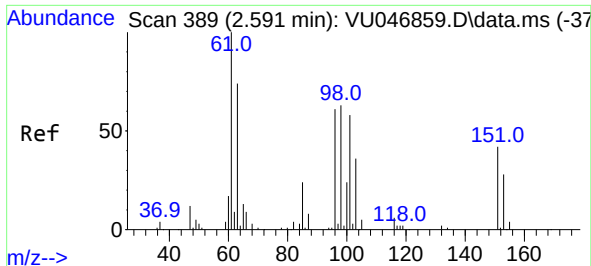
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 28 00:56:24 2022
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 2.089 ug/L

RT: 2.584 min Scan# 31

Delta R.T. -0.007 min

Lab File: VU046864.D

Acq: 27 Jan 2022 12:27

Instrument :

MSVOA_U

ClientSampleId :

BFX8DL

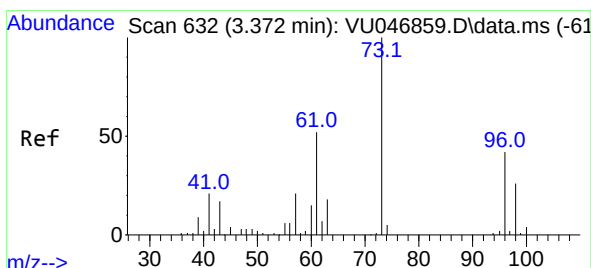
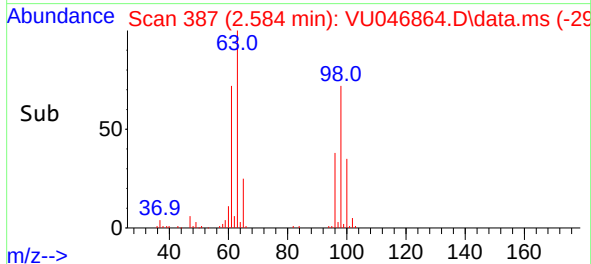
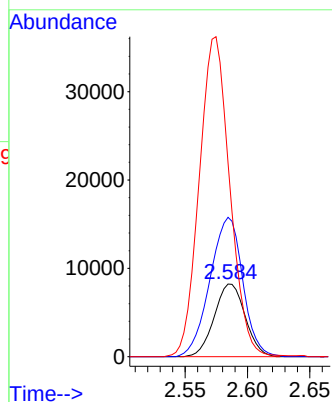
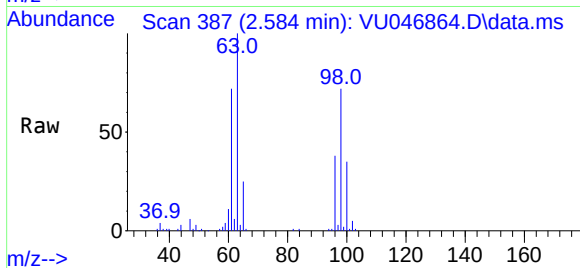
Tgt Ion: 96 Resp: 14183

Ion Ratio Lower Upper

96 100

61 191.7 124.7 231.5

63 266.5 105.2 195.4#



#17

Methyl tert-butyl Ether

Concen: 0.223 ug/L

RT: 3.369 min Scan# 631

Delta R.T. -0.003 min

Lab File: VU046864.D

Acq: 27 Jan 2022 12:27

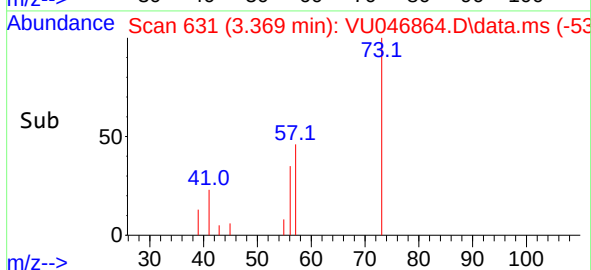
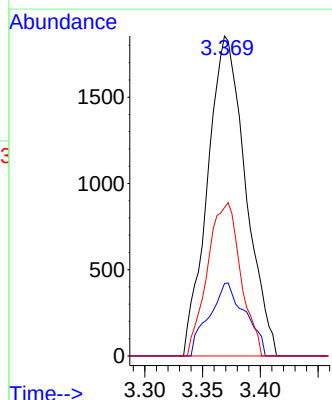
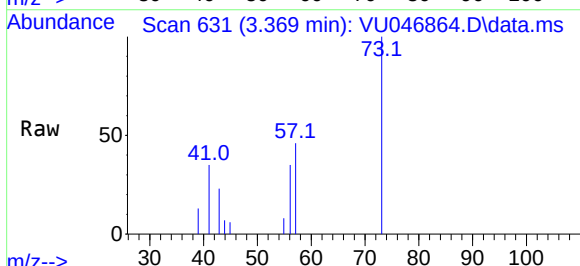
Tgt Ion: 73 Resp: 4245

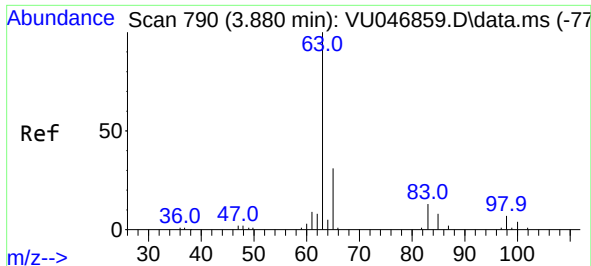
Ion Ratio Lower Upper

73 100

43 21.7 14.8 22.2

57 41.9 17.4 26.0#





#19

1,1-Dichloroethane

Concen: 1.857 ug/L

RT: 3.877 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU046864.D

Acq: 27 Jan 2022 12:27

Instrument :

MSVOA_U

ClientSampleId :

BFX8DL

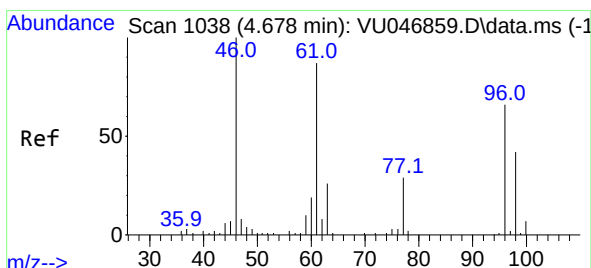
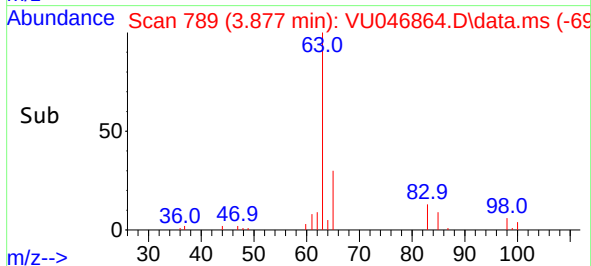
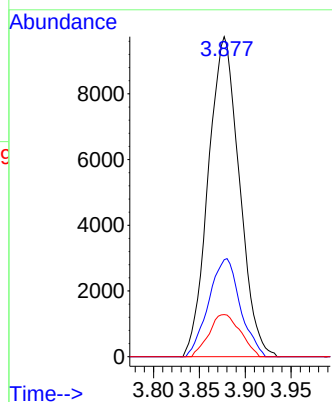
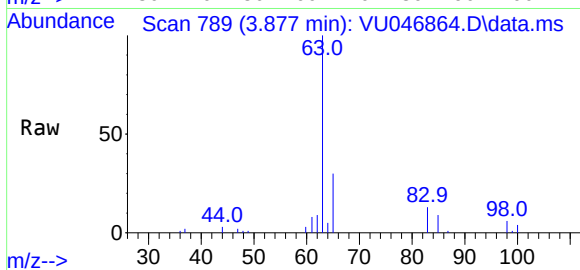
Tgt Ion: 63 Resp: 22922

Ion Ratio Lower Upper

63 100

65 30.3 22.3 41.5

83 13.2 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 3.703 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VU046864.D

Acq: 27 Jan 2022 12:27

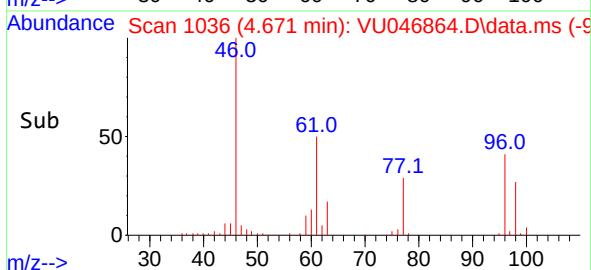
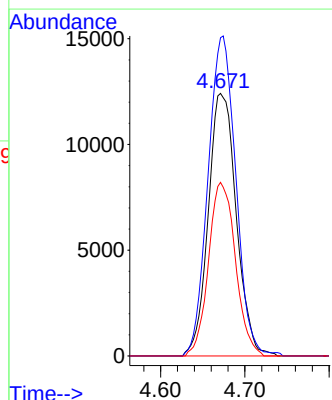
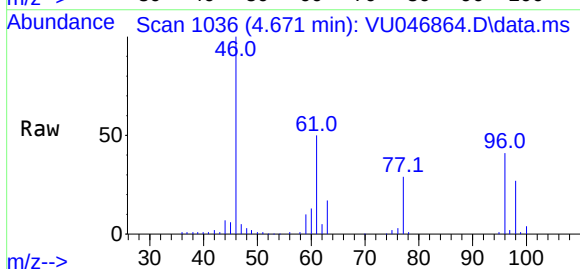
Tgt Ion: 96 Resp: 28717

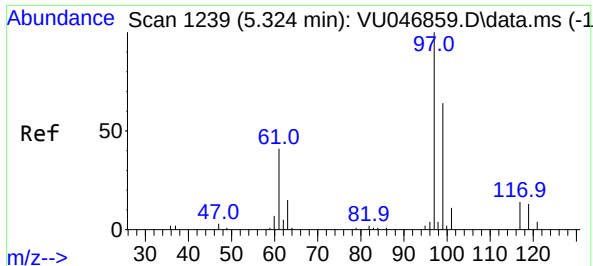
Ion Ratio Lower Upper

96 100

61 121.2 88.5 164.3

98 66.1 44.4 82.5



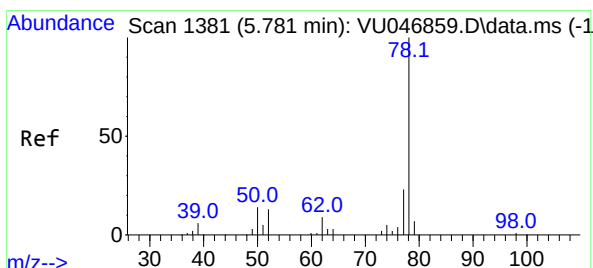
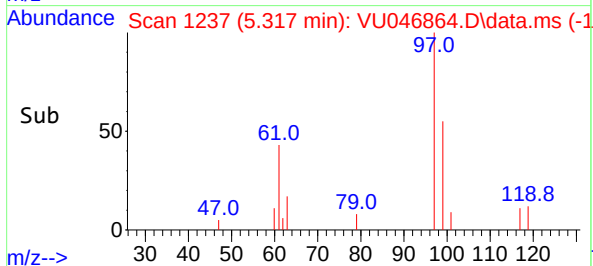
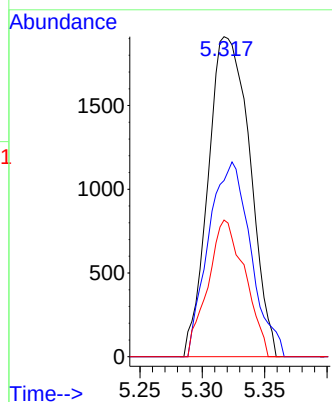
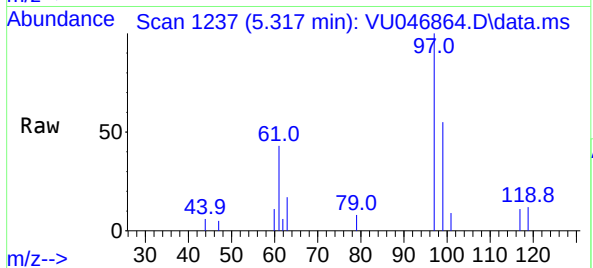


#29
1,1,1-Trichloroethane
Concen: 0.375 ug/L
RT: 5.317 min Scan# 11
Delta R.T. -0.007 min
Lab File: VU046864.D
Acq: 27 Jan 2022 12:27

Instrument :
MSVOA_U
ClientSampleId :
BFX8DL

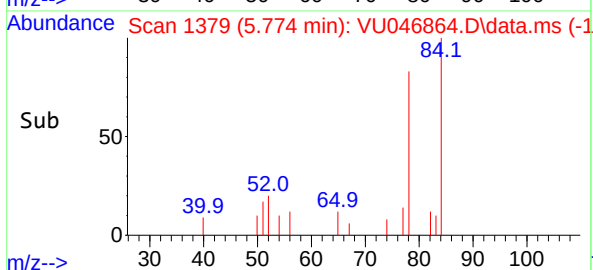
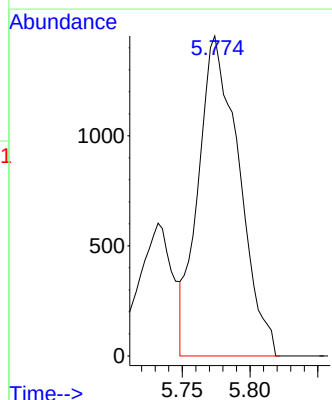
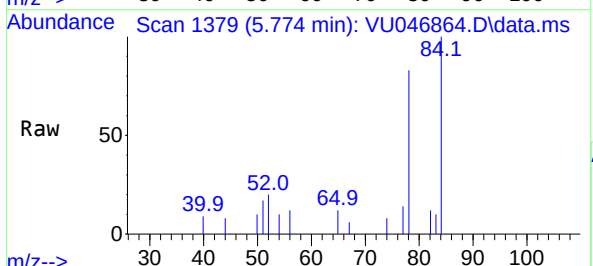
Tgt Ion: 97 Resp: 4449

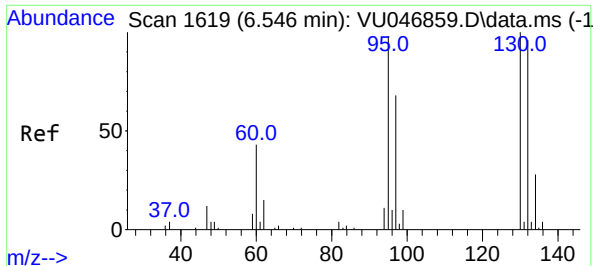
Ion	Ratio	Lower	Upper
97	100		
99	61.5	51.3	76.9
61	38.0	36.1	54.1



#33
Benzene
Concen: 0.098 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.007 min
Lab File: VU046864.D
Acq: 27 Jan 2022 12:27

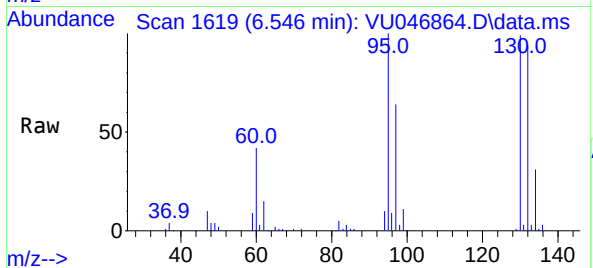
Tgt Ion: 78 Resp: 3027



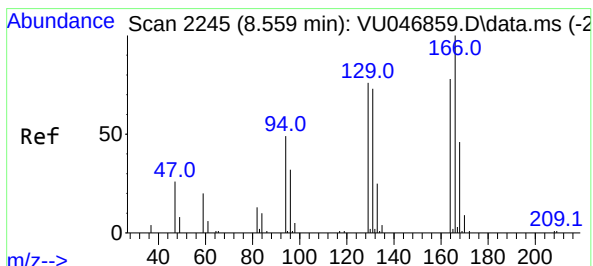
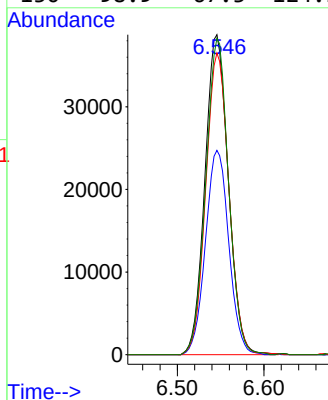
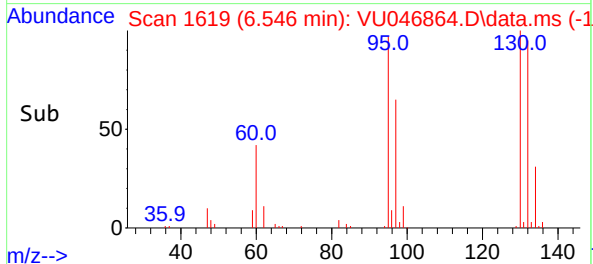


#34
Trichloroethene
Concen: 9.035 ug/L
RT: 6.546 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU046864.D
Acq: 27 Jan 2022 12:27

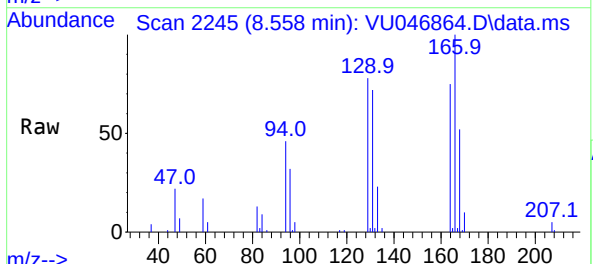
Instrument :
MSVOA_U
ClientSampleId :
BFX8DL



Tgt Ion: 95 Resp: 72743
Ion Ratio Lower Upper
95 100
97 63.9 46.5 86.5
132 94.2 65.1 120.9
130 98.9 67.3 124.9



#47
Tetrachloroethene
Concen: 2.495 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU046864.D
Acq: 27 Jan 2022 12:27



Tgt Ion:164 Resp: 16340
Ion Ratio Lower Upper
164 100
129 103.2 71.8 133.4
131 95.7 68.5 127.3
166 133.1 94.1 174.8

