

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072522\
 Data File : VU049893.D
 Acq On : 26 Jul 2022 02:40
 Operator : SY/MD
 Sample : N3870-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ09

Quant Time: Jul 26 06:50:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 26 06:46:04 2022
 Response via : Initial Calibration

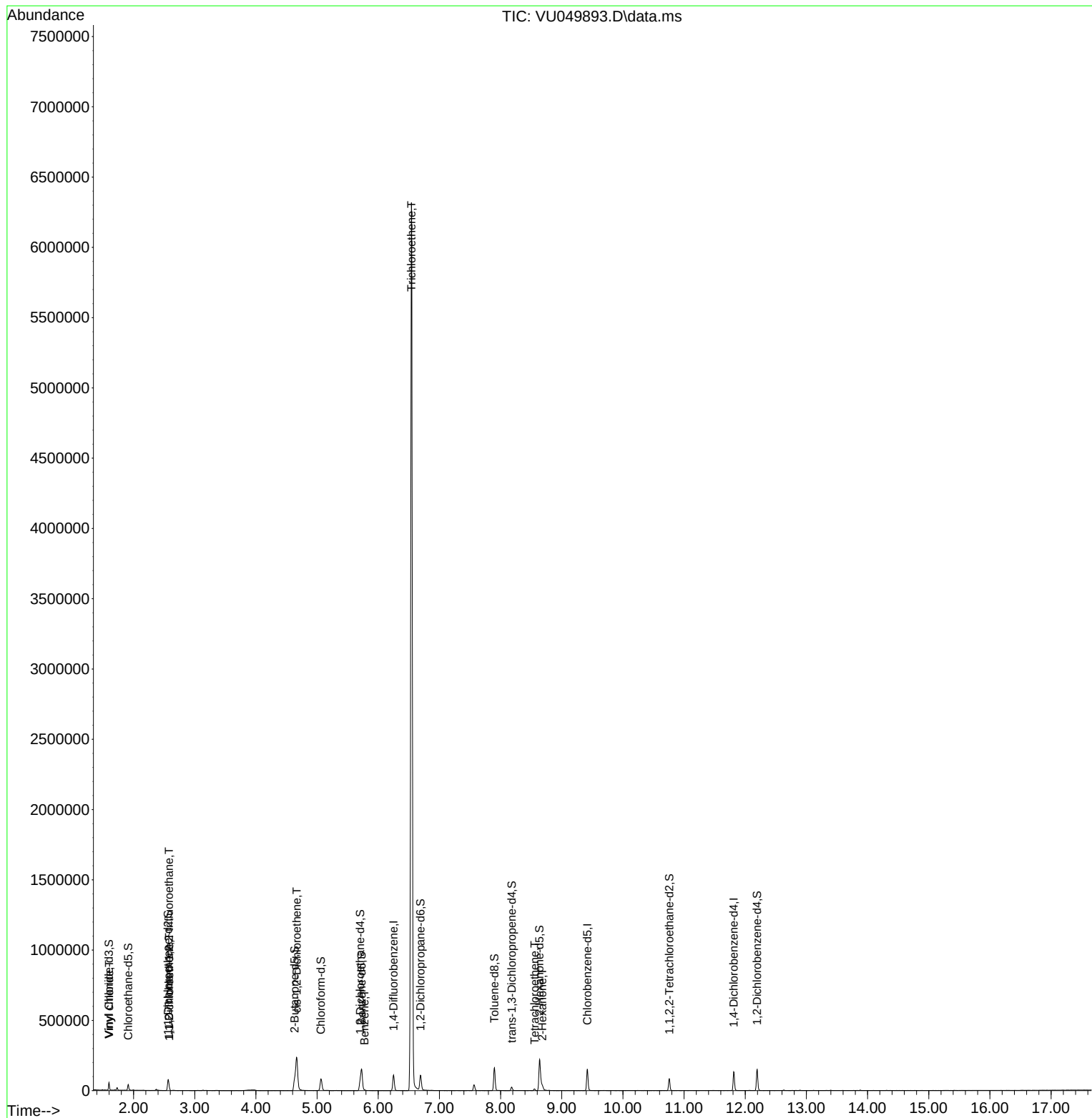
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	85186	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	81513	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	34452	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	31608	4.583	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.600%	
7) Chloroethane-d5	1.912	69	28319	4.906	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.200%	
11) 1,1-Dichloroethene-d2	2.565	65	14206	4.615	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.400%	
20) 2-Butanone-d5	4.632	46	136202	54.889	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.780%	
24) Chloroform-d	5.063	84	75282	4.901	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.000%	
26) 1,2-Dichloroethane-d4	5.703	65	43763	4.859	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.200%	
32) Benzene-d6	5.729	84	134666	4.848	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.000%	
36) 1,2-Dichloropropane-d6	6.690	67	48033	5.005	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.200%	
41) Toluene-d8	7.899	98	107326	4.421	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.400%	
43) trans-1,3-Dichloroprop...	8.182	79	14411	4.136	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.800%	
46) 2-Hexanone-d5	8.636	63	66740	48.344	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.680%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	42000	5.212	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.200%	
66) 1,2-Dichlorobenzene-d4	12.195	152	38220	5.375	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.400%	
Target Compounds						
5) Vinyl chloride	1.600	62	3391	0.367	ug/L #	77
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	3655	0.657	ug/L	97
12) 1,1-Dichloroethene	2.581	96	1968	0.350	ug/L #	1
22) cis-1,2-Dichloroethene	4.668	96	105200	13.960	ug/L	95
33) Benzene	5.774	78	4169	0.141	ug/L	100
34) Trichloroethene	6.542	95	2140691	298.495	ug/L	98
47) Tetrachloroethene	8.555	164	2484	0.503	ug/L	93
48) 2-Hexanone	8.684	43	17616	4.014	ug/L #	94

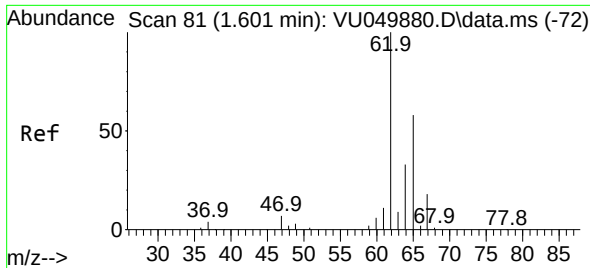
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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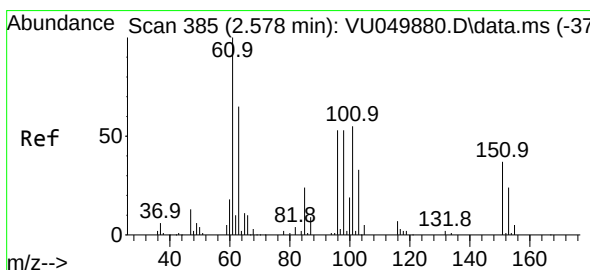
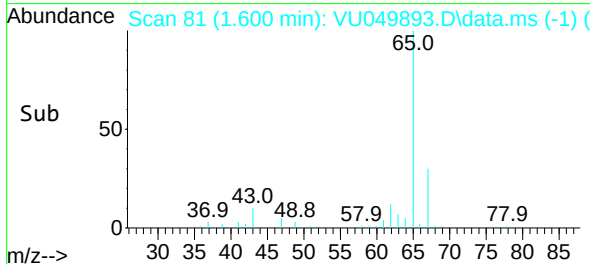
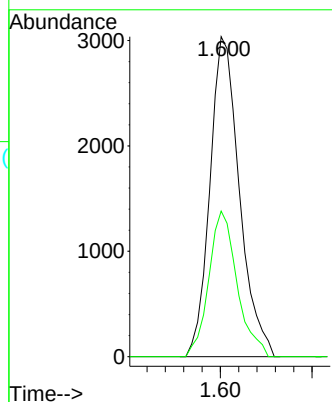
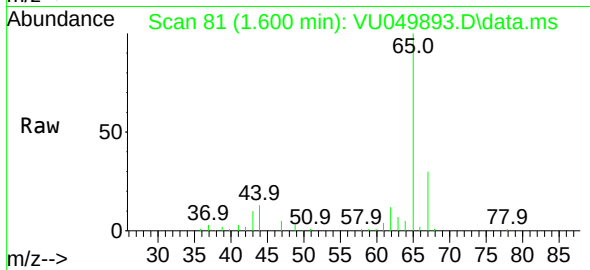




#5
 Vinyl chloride
 Concen: 0.367 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU049893.D
 Acq: 26 Jul 2022 02:40

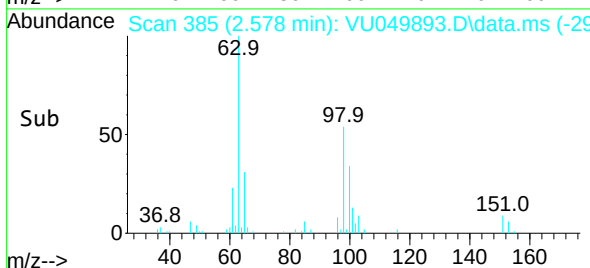
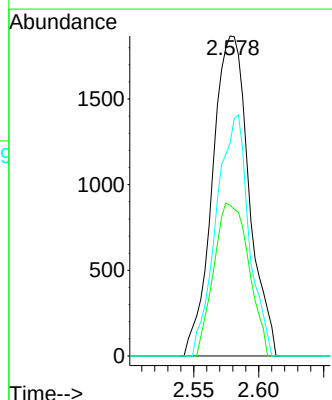
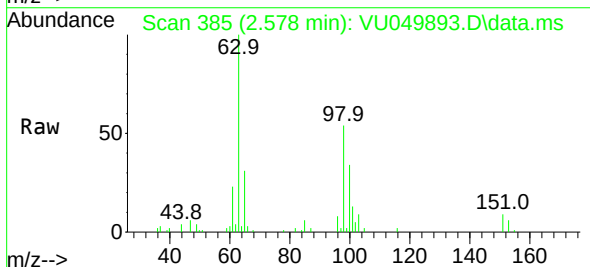
Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ09

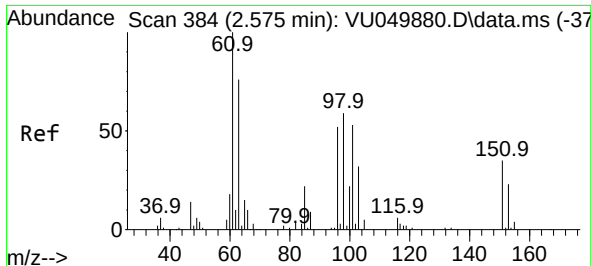
Tgt Ion: 62 Resp: 3391
 Ion Ratio Lower Upper
 62 100
 64 45.5 22.7 42.3#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.657 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU049893.D
 Acq: 26 Jul 2022 02:40

Tgt Ion: 101 Resp: 3655
 Ion Ratio Lower Upper
 101 100
 85 45.7 37.2 55.8
 151 67.1 56.0 84.0





#12

1,1-Dichloroethene

Concen: 0.350 ug/L

RT: 2.581 min Scan# 3

Delta R.T. 0.006 min

Lab File: VU049893.D

Acq: 26 Jul 2022 02:40

Instrument :

MSVOA_U

ClientSampleId :

GBJ09

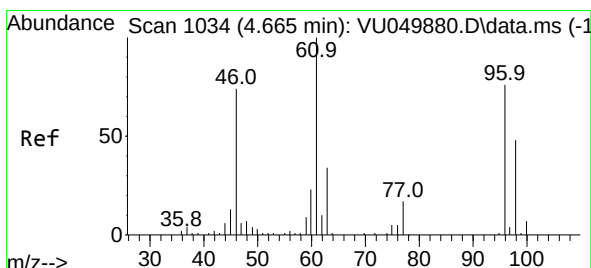
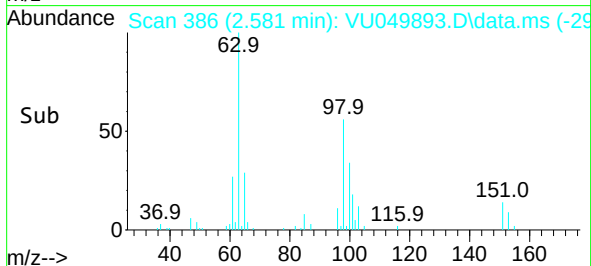
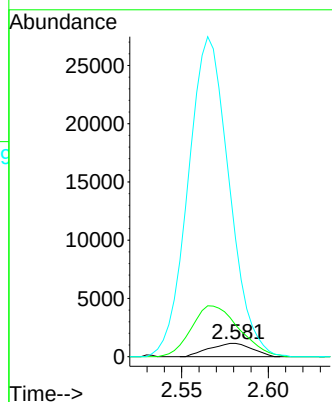
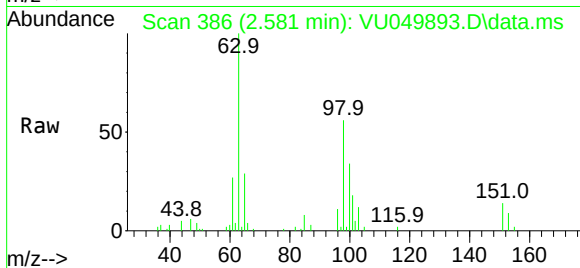
Tgt Ion: 96 Resp: 1968

Ion Ratio Lower Upper

96 100

61 238.4 131.6 244.4

63 887.7 100.0 185.6#



#22

cis-1,2-Dichloroethene

Concen: 13.960 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU049893.D

Acq: 26 Jul 2022 02:40

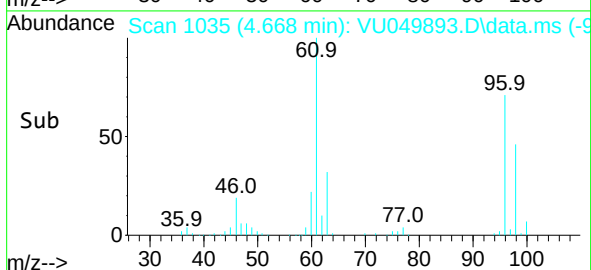
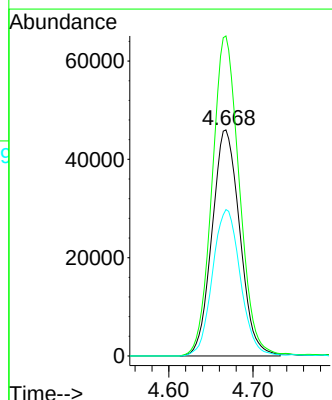
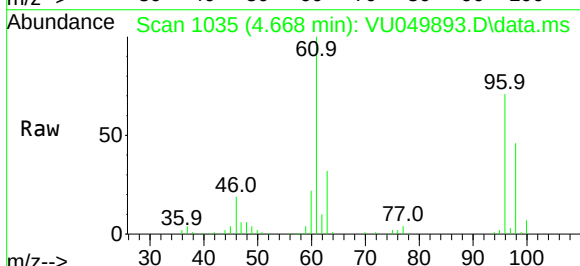
Tgt Ion: 96 Resp: 105200

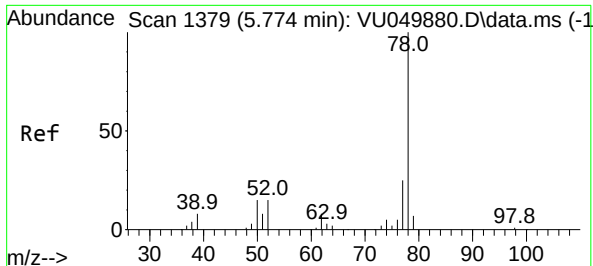
Ion Ratio Lower Upper

96 100

61 141.5 93.9 174.3

98 64.7 43.9 81.5

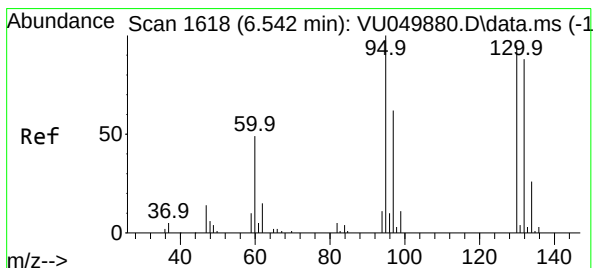
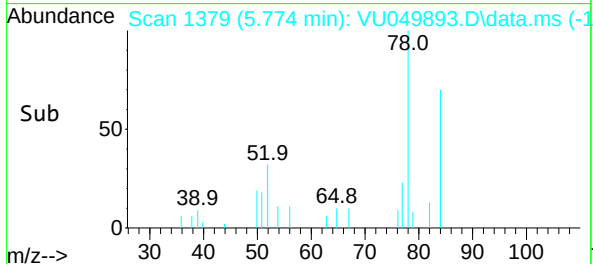
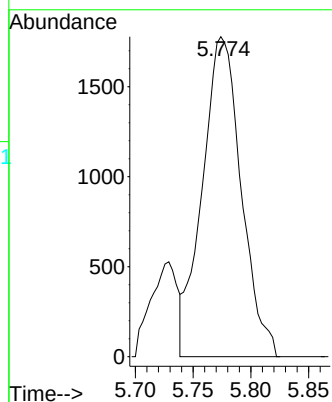
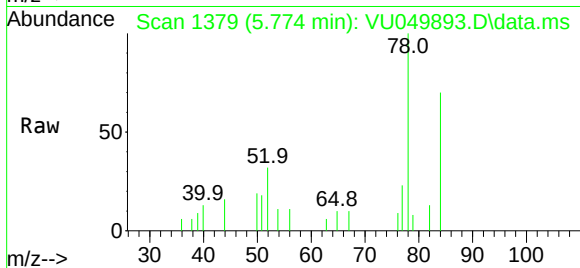




#33
Benzene
Concen: 0.141 ug/L
RT: 5.774 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU049893.D
Acq: 26 Jul 2022 02:40

Instrument :
MSVOA_U
ClientSampleId :
GBJ09

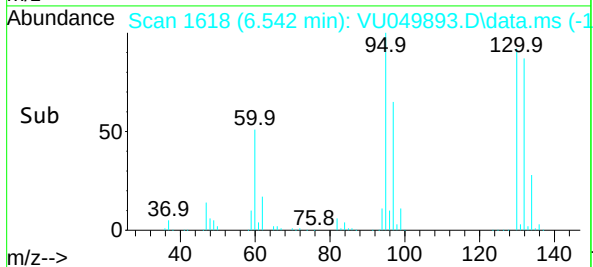
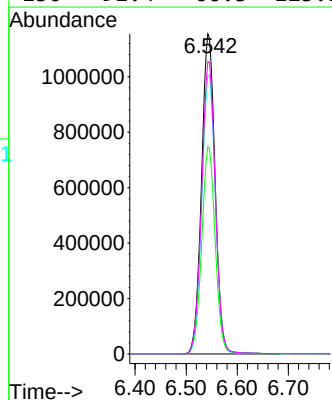
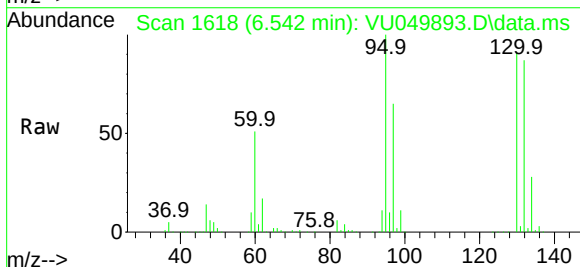
Tgt Ion: 78 Resp: 4169

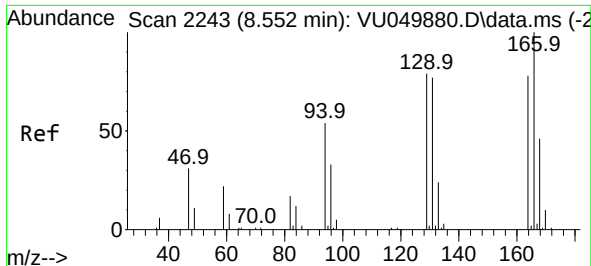


#34
Trichloroethene
Concen: 298.495 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU049893.D
Acq: 26 Jul 2022 02:40

Tgt Ion: 95 Resp: 2140691

Ion	Ratio	Lower	Upper
95	100		
97	64.8	46.8	86.8
132	87.1	61.8	114.8
130	91.4	66.3	123.1





#47

Tetrachloroethene

Concen: 0.503 ug/L

RT: 8.555 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU049893.D

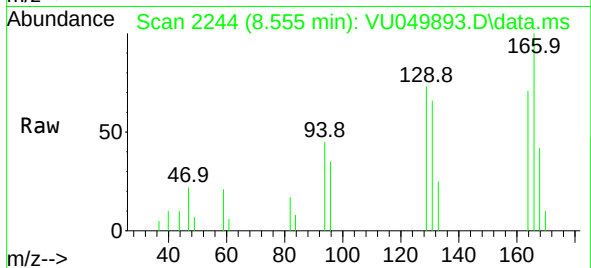
Acq: 26 Jul 2022 02:40

Instrument :

MSVOA_U

ClientSampleId :

GBJ09



Tgt Ion:164 Resp: 2484

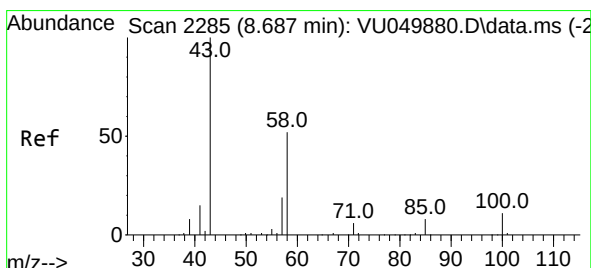
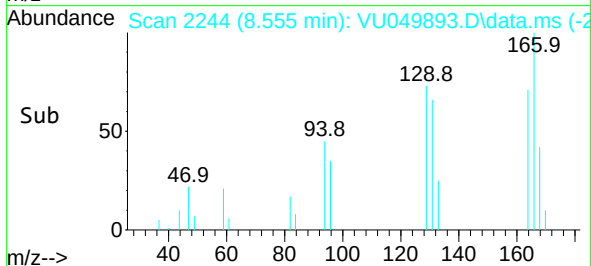
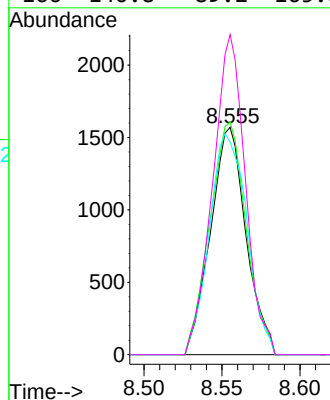
Ion Ratio Lower Upper

164 100

129 102.5 68.9 127.9

131 93.6 67.5 125.4

166 140.8 89.2 165.8



#48

2-Hexanone

Concen: 4.014 ug/L

RT: 8.684 min Scan# 2284

Delta R.T. -0.003 min

Lab File: VU049893.D

Acq: 26 Jul 2022 02:40

Tgt Ion: 43 Resp: 17616

Ion Ratio Lower Upper

43 100

58 48.2 42.1 63.1

57 16.5 14.3 21.5

100 7.2 7.9 11.9#

