

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051920.D
 Acq On : 18 Nov 2022 23:02
 Operator : JC/MD
 Sample : N5684-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1H9

Quant Time: Nov 19 00:51:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 22:29:23 2022
 Response via : Initial Calibration

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

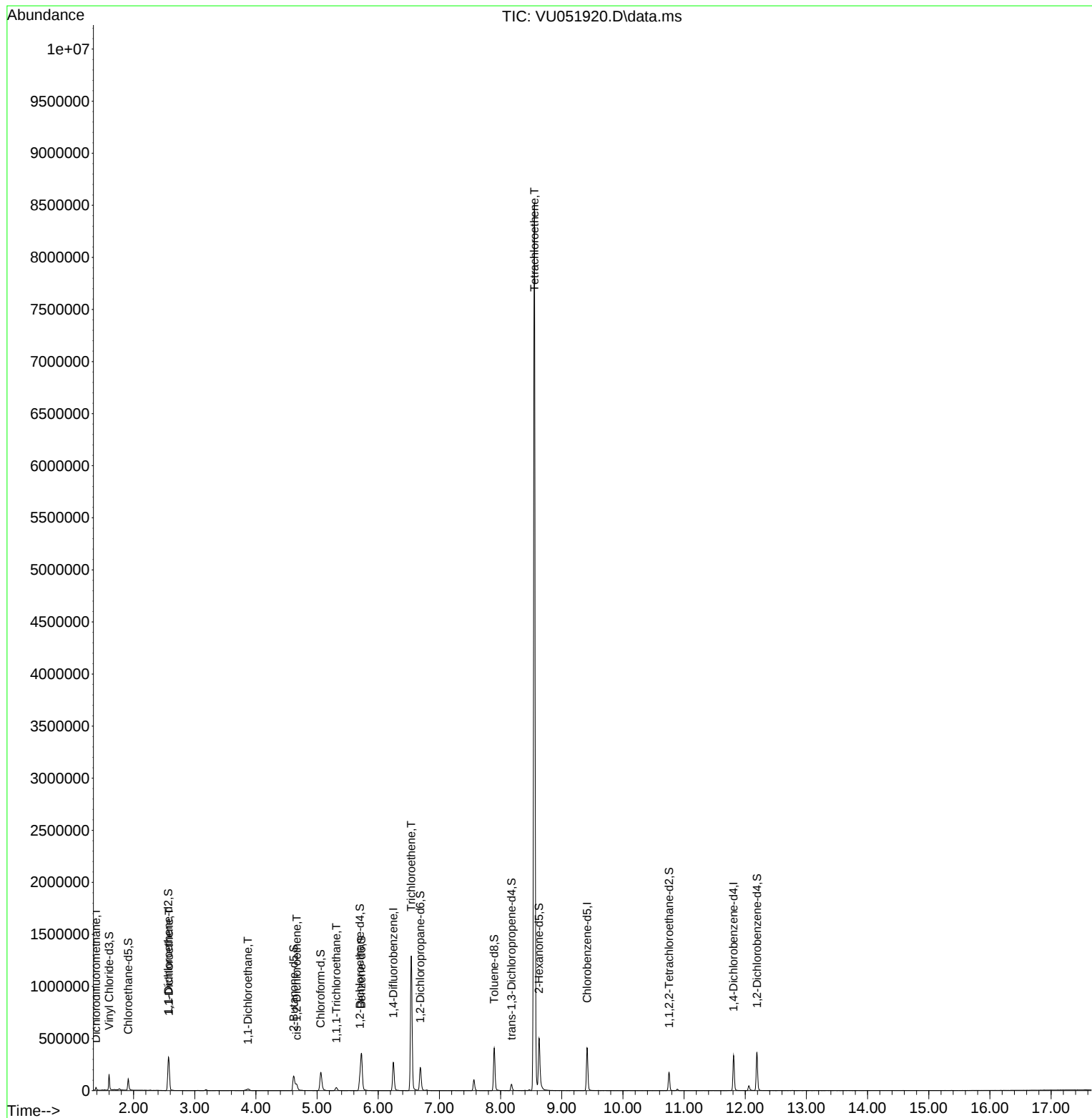
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	227767	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	239933	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	94830	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	112190	5.064	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.200%
7) Chloroethane-d5	1.912	69	89723	5.214	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.200%
11) 1,1-Dichloroethene-d2	2.568	65	40049	5.043	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.800%
20) 2-Butanone-d5	4.616	46	201309	50.128	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.260%
24) Chloroform-d	5.060	84	165534	5.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
26) 1,2-Dichloroethane-d4	5.700	65	85047	5.172	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.726	84	354922	4.983	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	6.687	67	113338	5.141	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.800%
41) Toluene-d8	7.896	98	290323	4.505	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	8.179	79	35769	4.453	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.629	63	174941	51.387	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.780%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	92483	4.839	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	102140	5.626	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	16554	0.838	ug/L	99
12) 1,1-Dichloroethene	2.578	96	63056	3.816	ug/L	90
19) 1,1-Dichloroethane	3.870	63	7163	0.224	ug/L	99
22) cis-1,2-Dichloroethene	4.668	96	26731	1.438	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	20454	0.768	ug/L	97
34) Trichloroethene	6.539	95	466324	23.943	ug/L	99
47) Tetrachloroethene	8.552	164	1903346	127.515	ug/L	99

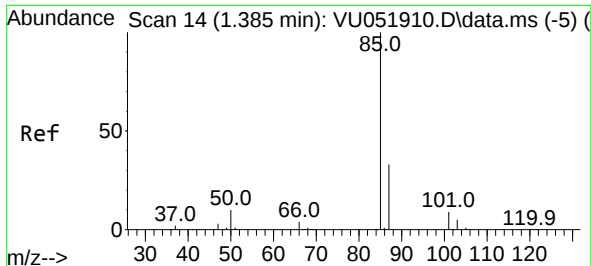
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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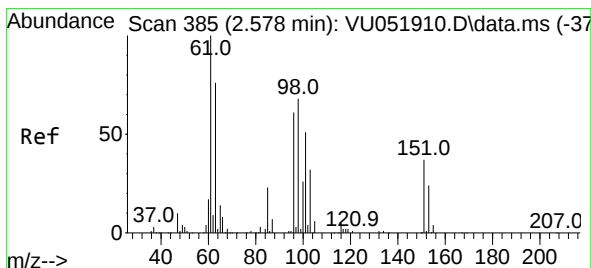
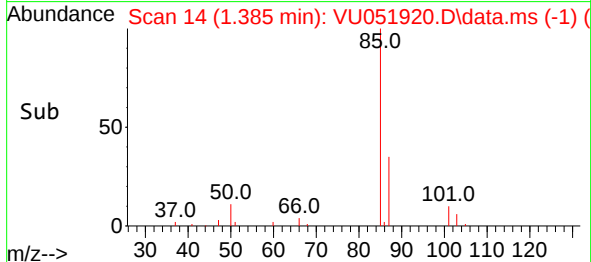
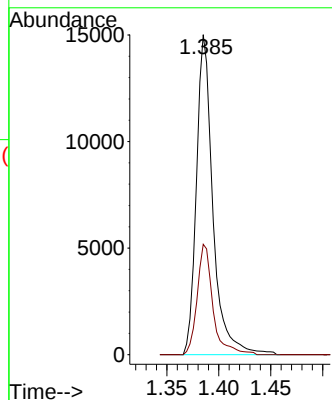
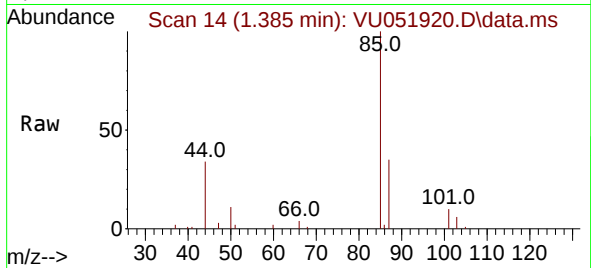




#2
Dichlorodifluoromethane
Concen: 0.838 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051920.D
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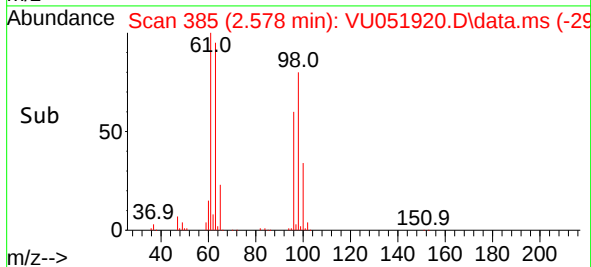
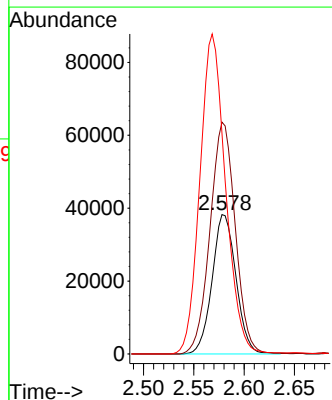
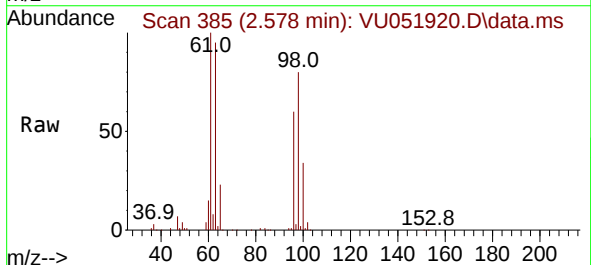
Instrument :
MSVOA_U
ClientSampleId :
BH1H9

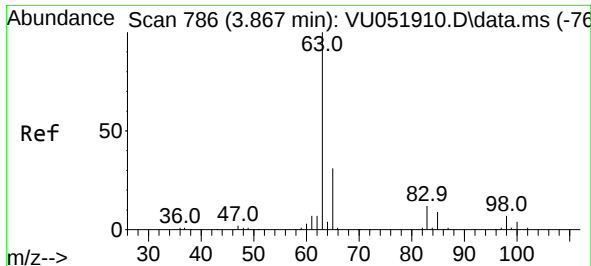
Tgt Ion: 85 Resp: 16554
Ion Ratio Lower Upper
85 100
87 33.1 25.8 38.8



#12
1,1-Dichloroethene
Concen: 3.816 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU051920.D
Acq: 18 Nov 2022 23:02

Tgt Ion: 96 Resp: 63056
Ion Ratio Lower Upper
96 100
61 166.3 114.8 213.2
63 158.4 93.7 174.1





#19

1,1-Dichloroethane

Concen: 0.224 ug/L

RT: 3.870 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU051920.D

Acq: 18 Nov 2022 23:02

Instrument :

MSVOA_U

ClientSampleId :

BH1H9

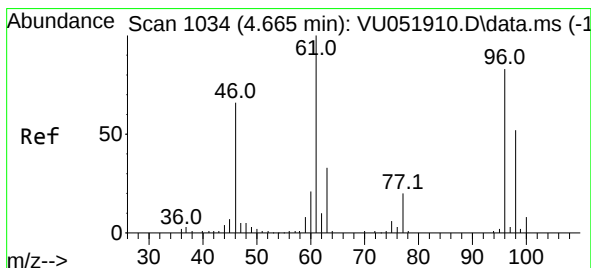
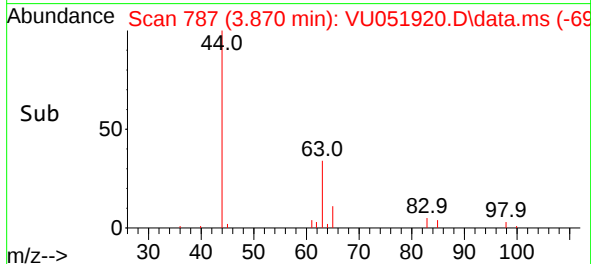
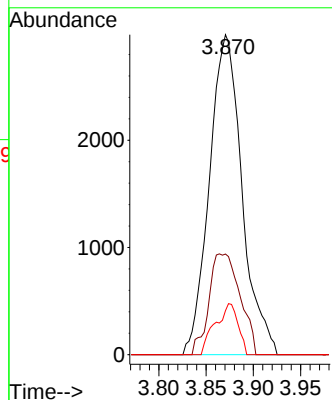
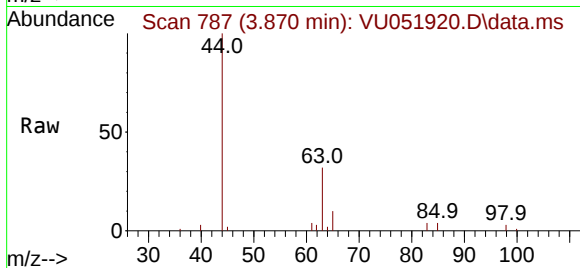
Tgt Ion: 63 Resp: 7163

Ion Ratio Lower Upper

63 100

65 31.4 22.2 41.2

83 13.7 9.2 17.0



#22

cis-1,2-Dichloroethene

Concen: 1.438 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU051920.D

Acq: 18 Nov 2022 23:02

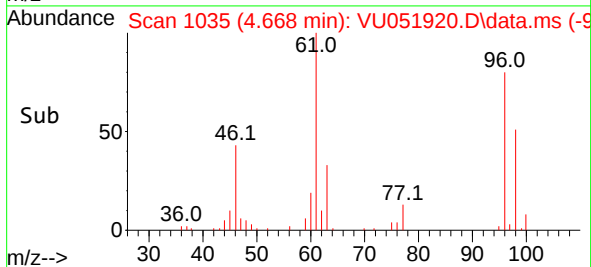
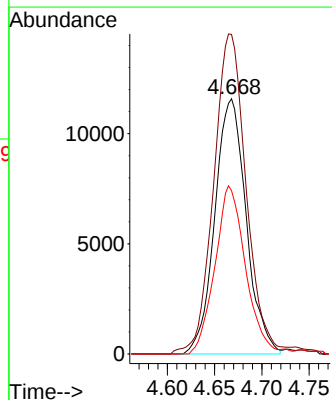
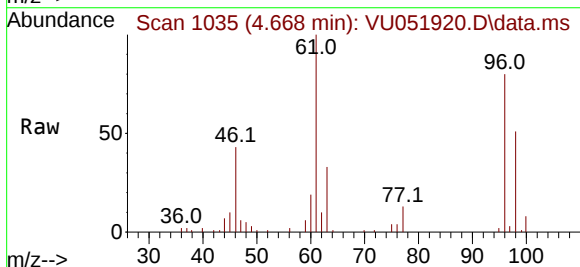
Tgt Ion: 96 Resp: 26731

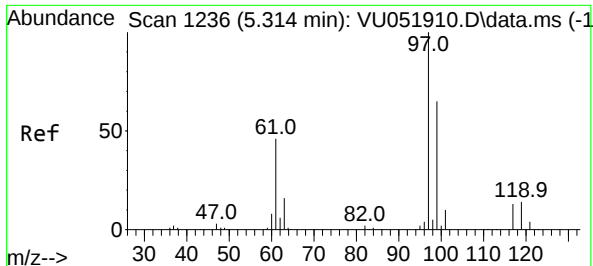
Ion Ratio Lower Upper

96 100

61 125.2 85.1 158.1

98 63.9 42.8 79.6

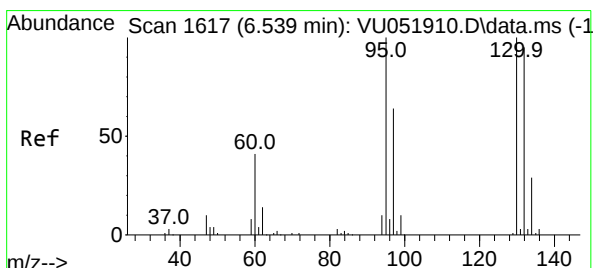
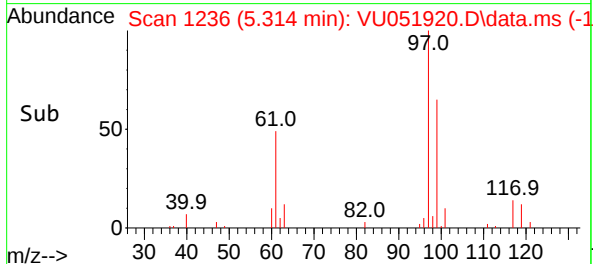
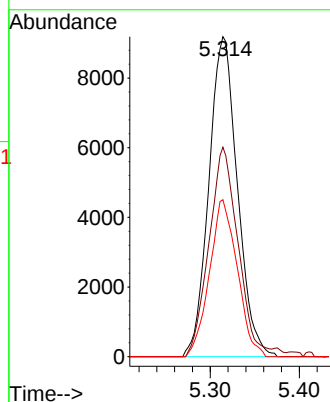
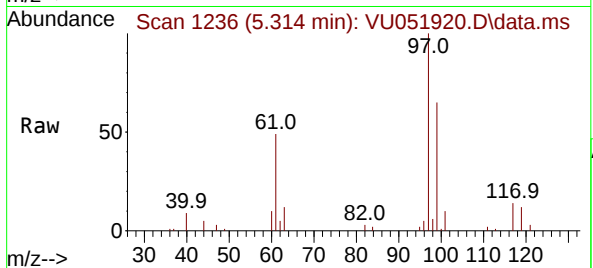




#29
1,1,1-Trichloroethane
Concen: 0.768 ug/L
RT: 5.314 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU051920.D
Acq: 18 Nov 2022 23:02

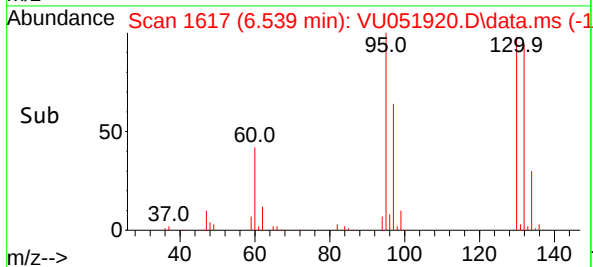
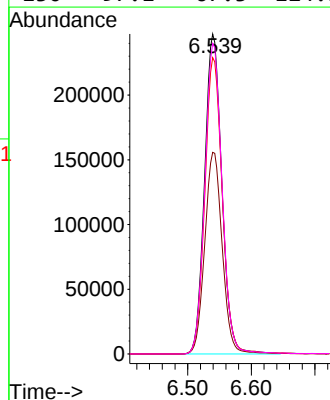
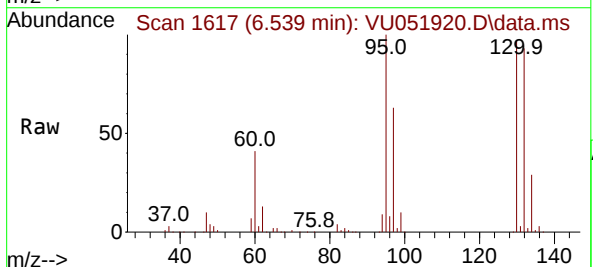
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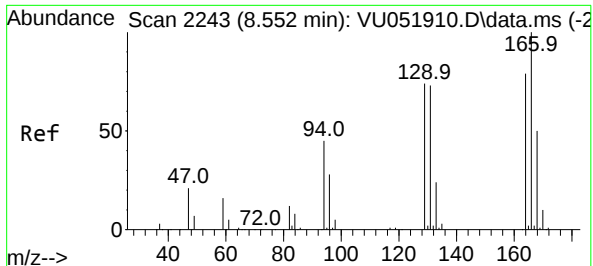
Tgt Ion:	97	Resp:	20454
Ion	Ratio	Lower	Upper
97	100		
99	66.5	51.0	76.6
61	47.8	36.9	55.3



#34
Trichloroethene
Concen: 23.943 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU051920.D
Acq: 18 Nov 2022 23:02

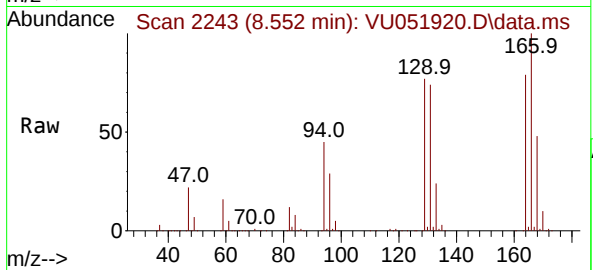
Tgt Ion:	95	Resp:	466324
Ion	Ratio	Lower	Upper
95	100		
97	63.0	43.7	81.1
132	92.6	64.3	119.3
130	97.1	67.3	124.9





#47
 Tetrachloroethene
 Concen: 127.515 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU051920.D
 Acq: 18 Nov 2022 23:02

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1H9



Tgt Ion:164 Resp: 1903346

Ion	Ratio	Lower	Upper
164	100		
129	98.1	67.4	125.2
131	94.0	67.1	124.7
166	127.1	89.7	166.5

