

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042423\
 Data File : VU053868.D
 Acq On : 25 Apr 2023 02:11
 Operator : JC/MD
 Sample : 02433-14 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE49

Quant Time: Apr 25 06:23:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 25 06:22:49 2023
 Response via : Initial Calibration

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

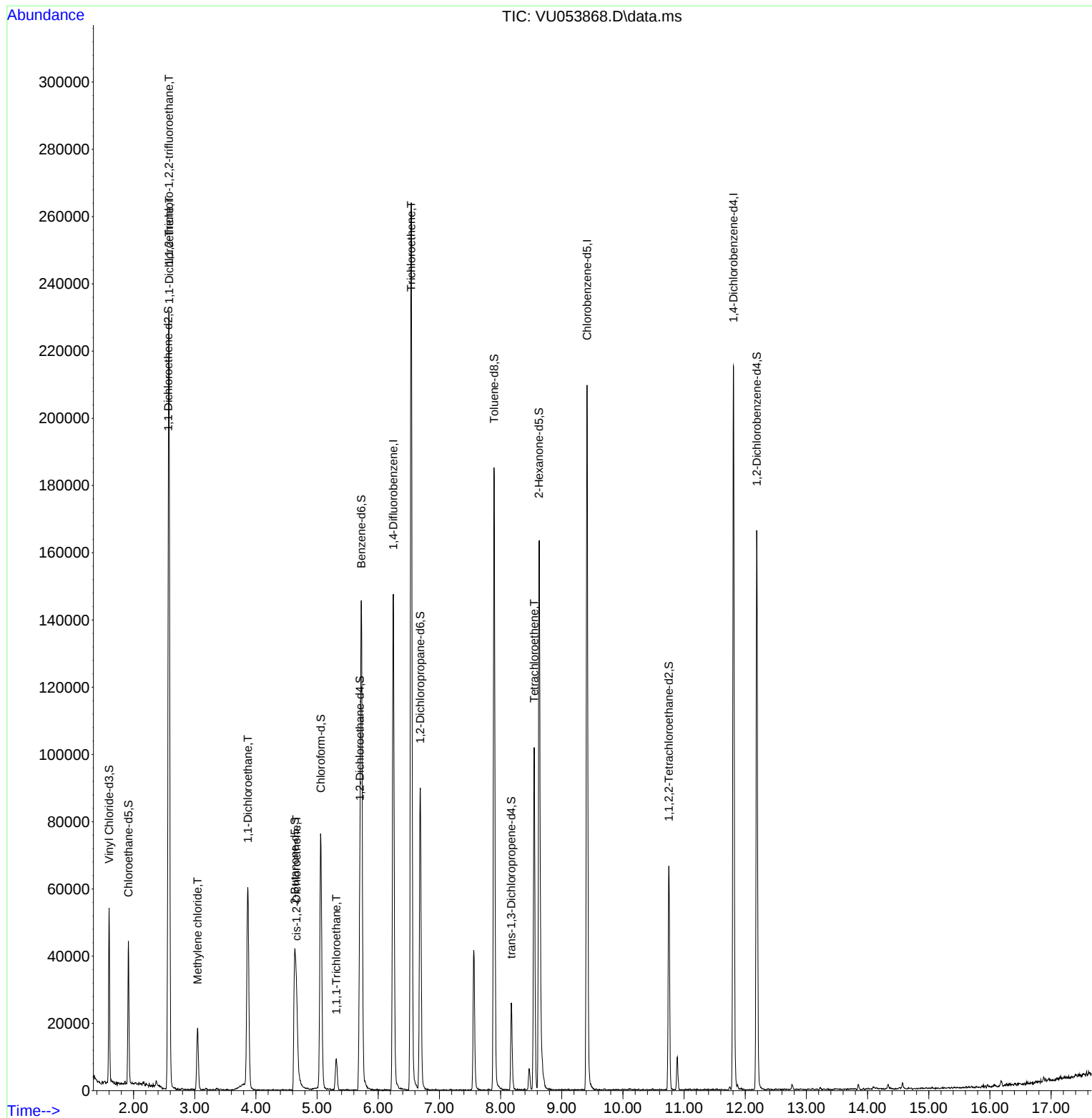
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	129979	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	126866	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	61516	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	37433	4.728	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.600%
7) Chloroethane-d5	1.916	69	31163	4.690	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.568	65	15885	4.875	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.600%
20) 2-Butanone-d5	4.636	46	75339	51.956	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.920%
24) Chloroform-d	5.060	84	73392	4.920	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	5.700	65	35960	5.216	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.726	84	148853	4.981	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	6.687	67	46261	5.116	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.893	98	131734	4.723	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	8.176	79	16122	4.534	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.629	63	61145	48.589	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.180%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	34361	4.703	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	12.188	152	45892	4.651	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	2758	0.298	ug/L	# 82
12) 1,1-Dichloroethene	2.581	96	64708	7.915	ug/L	88
16) Methylene chloride	3.047	84	9868	0.884	ug/L	90
19) 1,1-Dichloroethane	3.867	63	69792	4.668	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	7289	0.782	ug/L	84
29) 1,1,1-Trichloroethane	5.314	97	7179	0.503	ug/L	100
34) Trichloroethene	6.539	95	91515	9.391	ug/L	96
47) Tetrachloroethene	8.549	164	23091	2.990	ug/L	97

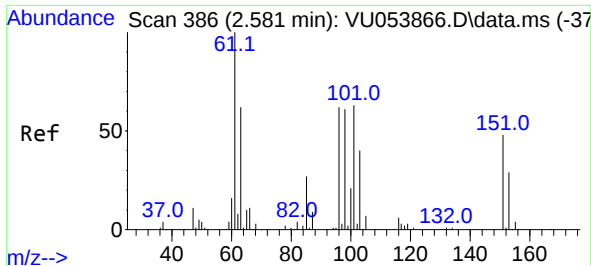
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

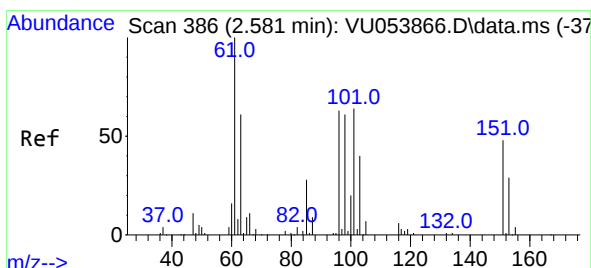
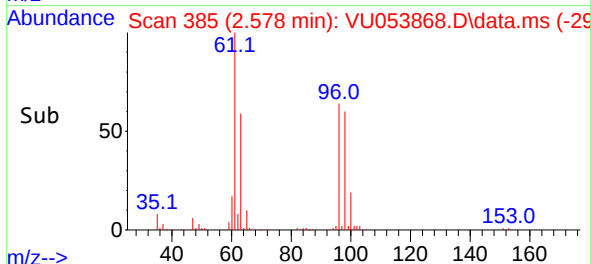
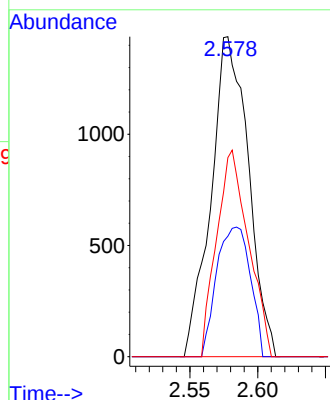
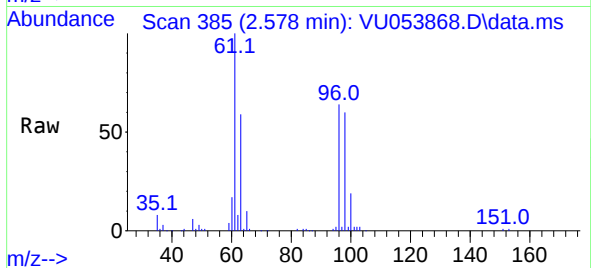




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.298 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU053868.D
Acq: 25 Apr 2023 02:11

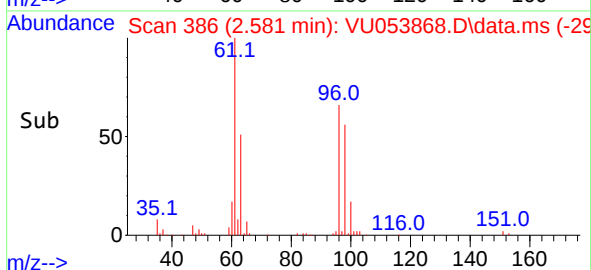
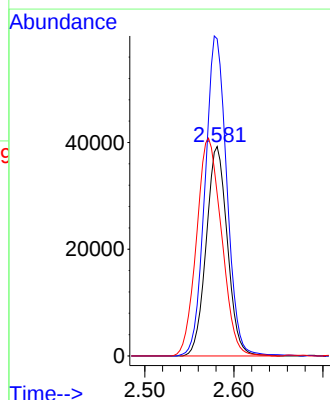
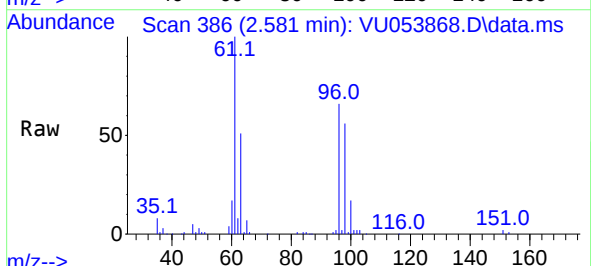
Instrument :
MSVOA_U
ClientSampleId :
BHE49

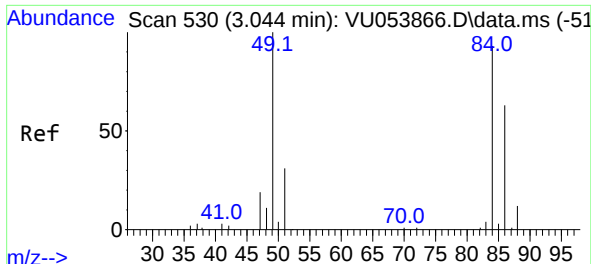
Tgt Ion:101 Resp: 2758
Ion Ratio Lower Upper
101 100
85 36.4 34.7 52.1
151 55.0 59.1 88.7#



#12
1,1-Dichloroethene
Concen: 7.915 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU053868.D
Acq: 25 Apr 2023 02:11

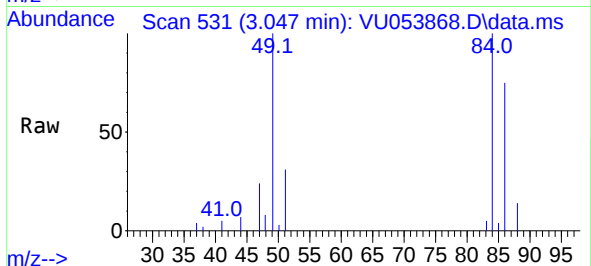
Tgt Ion: 96 Resp: 64708
Ion Ratio Lower Upper
96 100
61 151.5 111.5 207.1
63 77.5 68.7 127.7





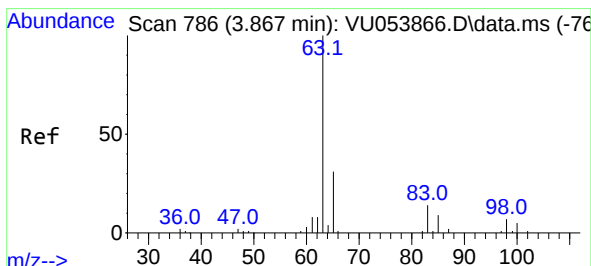
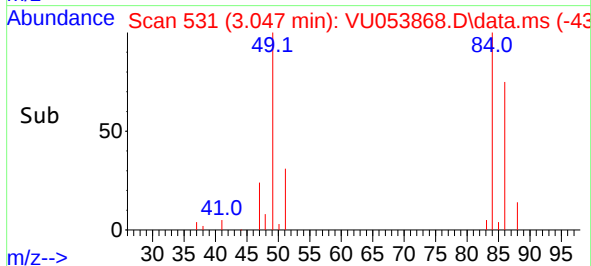
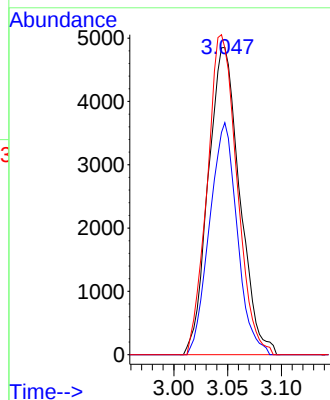
#16
Methylene chloride
Concen: 0.884 ug/L
RT: 3.047 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU053868.D
Acq: 25 Apr 2023 02:11

Instrument :
MSVOA_U
ClientSampleId :
BHE49



Tgt Ion: 84 Resp: 9868

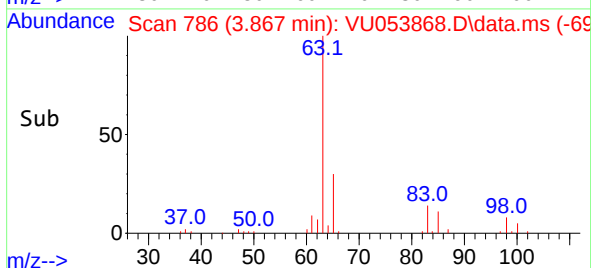
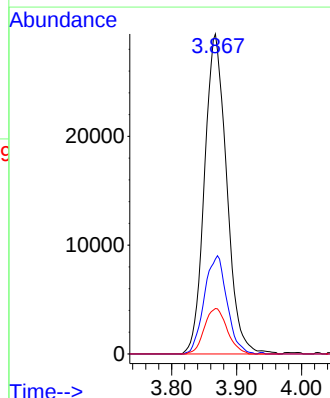
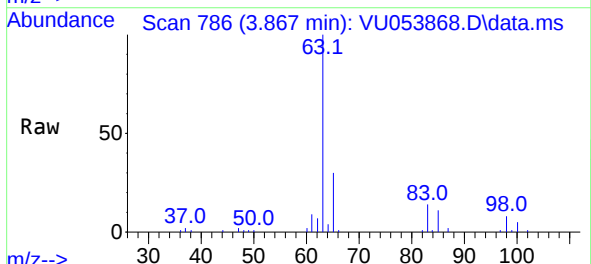
Ion	Ratio	Lower	Upper
84	100		
86	75.5	45.0	83.6
49	99.8	74.8	138.8

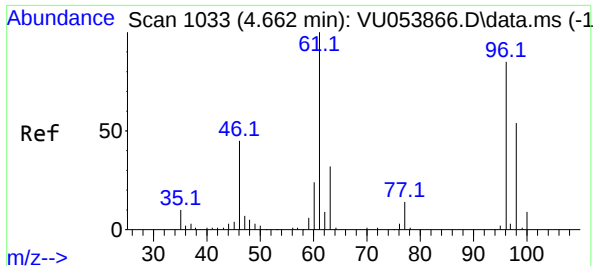


#19
1,1-Dichloroethane
Concen: 4.668 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.000 min
Lab File: VU053868.D
Acq: 25 Apr 2023 02:11

Tgt Ion: 63 Resp: 69792

Ion	Ratio	Lower	Upper
63	100		
65	29.7	22.0	40.8
83	14.2	10.3	19.1

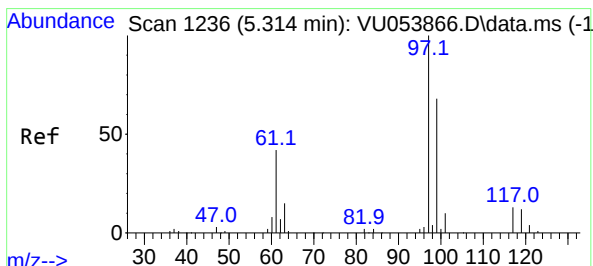
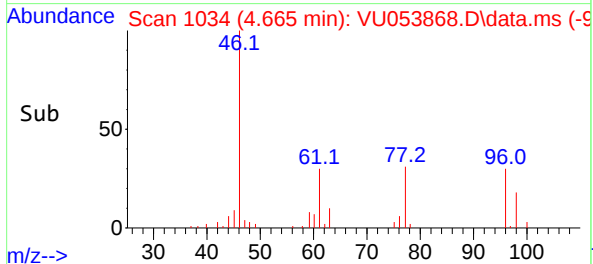
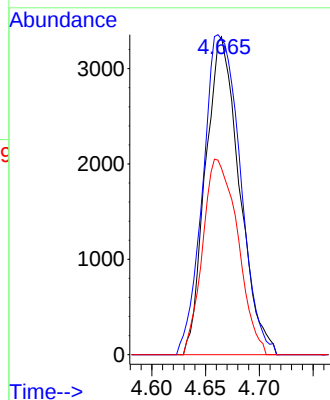
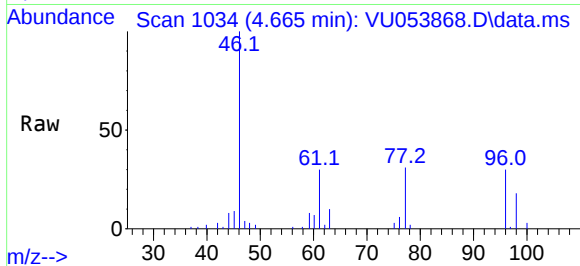




#22
 cis-1,2-Dichloroethene
 Concen: 0.782 ug/L
 RT: 4.665 min Scan# 1033
 Delta R.T. 0.003 min
 Lab File: VU053868.D
 Acq: 25 Apr 2023 02:11

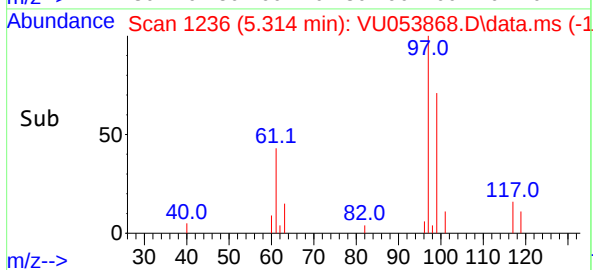
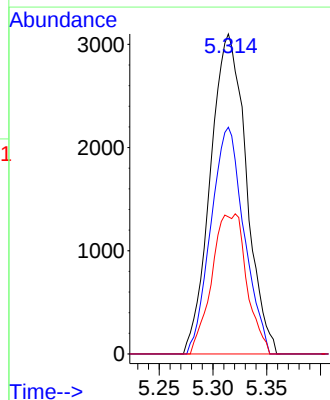
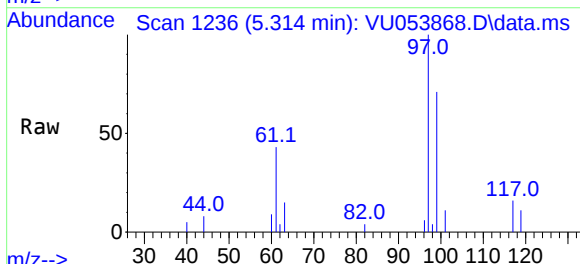
Instrument :
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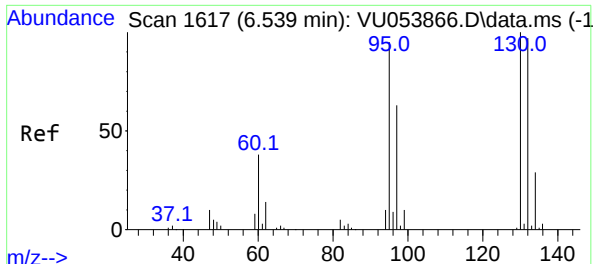
Tgt Ion:	96	Resp:	7289
Ion	Ratio	Lower	Upper
96	100		
61	99.3	84.3	156.5
98	58.6	46.4	86.2



#29
 1,1,1-Trichloroethane
 Concen: 0.503 ug/L
 RT: 5.314 min Scan# 1236
 Delta R.T. -0.000 min
 Lab File: VU053868.D
 Acq: 25 Apr 2023 02:11

Tgt Ion:	97	Resp:	7179
Ion	Ratio	Lower	Upper
97	100		
99	65.8	52.9	79.3
61	42.5	33.8	50.8



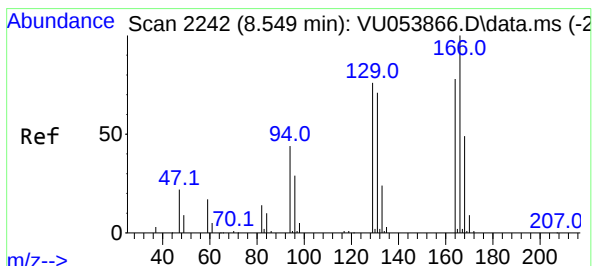
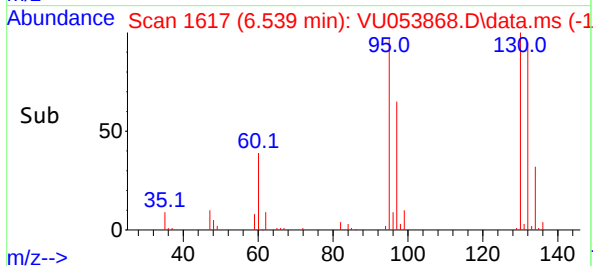
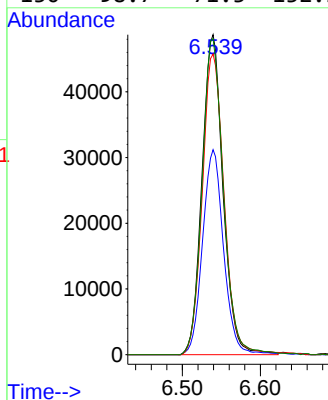
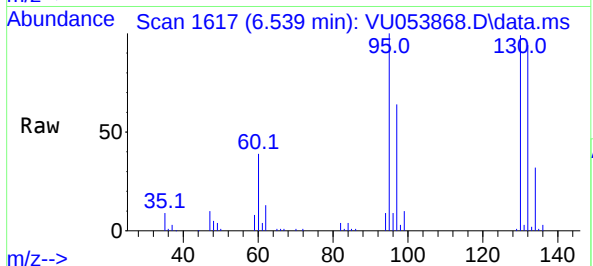


#34
Trichloroethene
Concen: 9.391 ug/L
RT: 6.539 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU053868.D
Acq: 25 Apr 2023 02:11

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 95 Resp: 91515

Ion	Ratio	Lower	Upper
95	100		
97	64.0	45.1	83.9
132	94.0	69.9	129.9
130	98.7	71.3	132.3



#47
Tetrachloroethene
Concen: 2.990 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU053868.D
Acq: 25 Apr 2023 02:11

Tgt Ion: 164 Resp: 23091

Ion	Ratio	Lower	Upper
164	100		
129	94.2	68.3	126.8
131	91.5	64.4	119.6
166	121.7	88.3	163.9

