

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111023\
 Data File : VU056169.D
 Acq On : 10 Nov 2023 14:05
 Operator : MD/SY
 Sample : 05340-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDK6

Quant Time: Nov 10 22:21:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 10 22:17:51 2023
 Response via : Initial Calibration

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

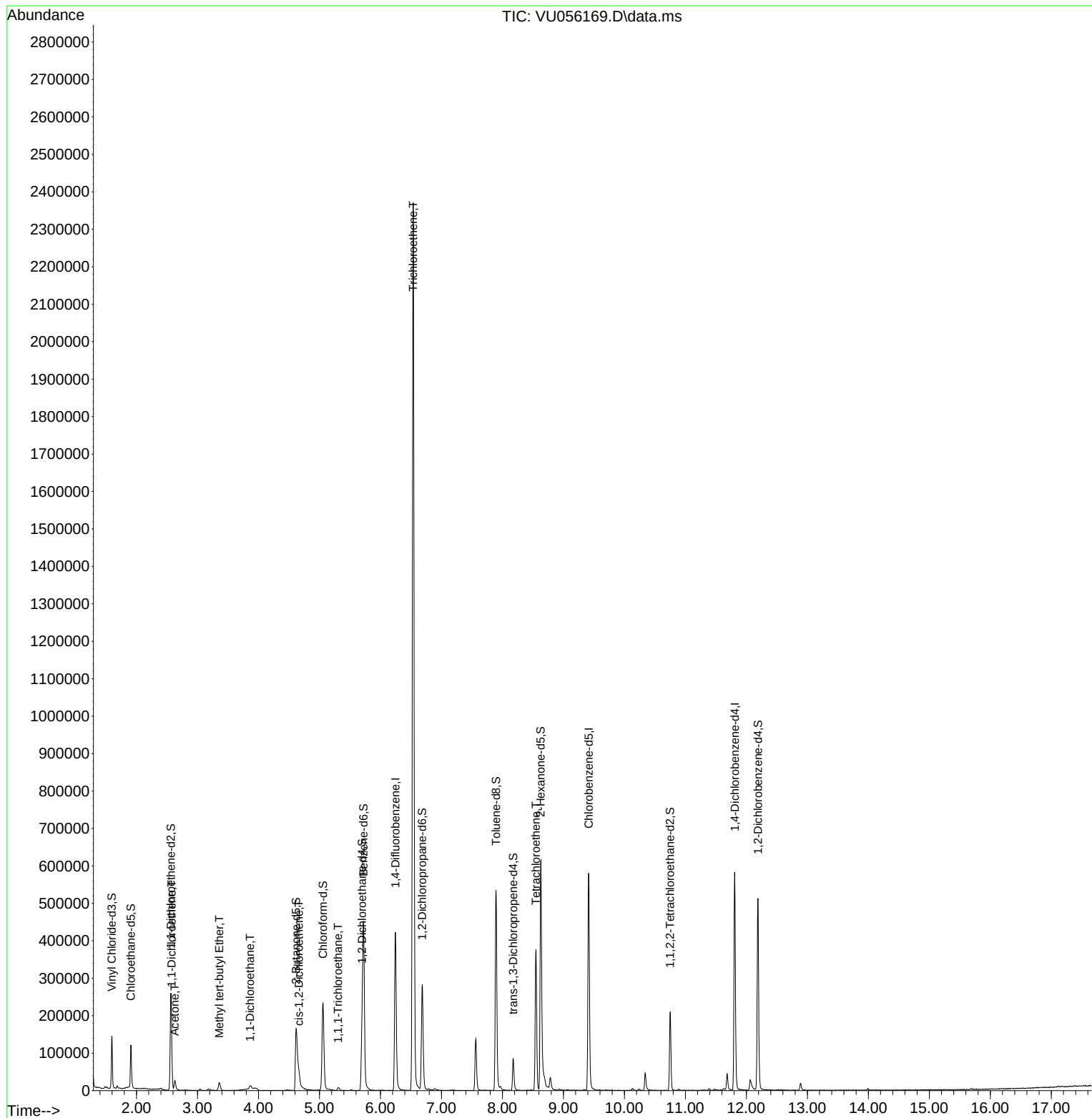
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	359024	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	357703	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	164453	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	99497	4.465	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.200%
7) Chloroethane-d5	1.907	69	85563	5.658	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.200%
11) 1,1-Dichloroethene-d2	2.563	65	44626	4.545	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.000%
20) 2-Butanone-d5	4.618	46	257384	70.402	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	140.800%#
24) Chloroform-d	5.058	84	229293	5.405	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.200%
26) 1,2-Dichloroethane-d4	5.698	65	109607	5.868	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.400%
32) Benzene-d6	5.721	84	451547	5.256	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%
36) 1,2-Dichloropropane-d6	6.685	67	146161	5.780	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.600%
41) Toluene-d8	7.894	98	382787	4.862	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
43) trans-1,3-Dichloroprop...	8.177	79	50653	5.240	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.800%
46) 2-Hexanone-d5	8.627	63	219760	69.360	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	138.720%#
56) 1,1,2,2-Tetrachloroeth...	10.749	84	107126	5.935	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	142835	5.632	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.600%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	12231	0.530	ug/L	# 1
13) Acetone	2.628	43	33032	12.251	ug/L	99
17) Methyl tert-butyl Ether	3.357	73	23729	0.456	ug/L	100
19) 1,1-Dichloroethane	3.862	63	10846	0.243	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	14986	0.568	ug/L	95
29) 1,1,1-Trichloroethane	5.306	97	6358	0.155	ug/L	90
34) Trichloroethene	6.537	95	860114	30.744	ug/L	96
47) Tetrachloroethene	8.550	164	85629	4.078	ug/L	94

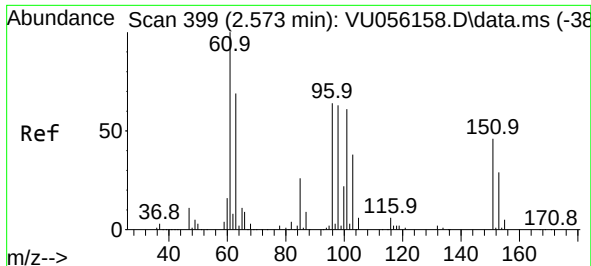
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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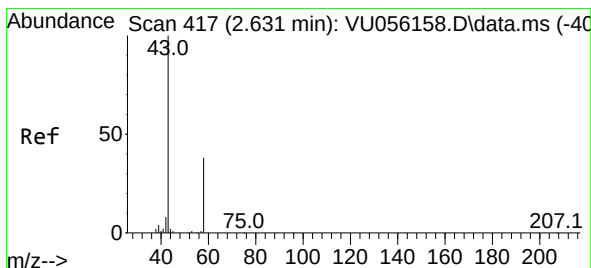
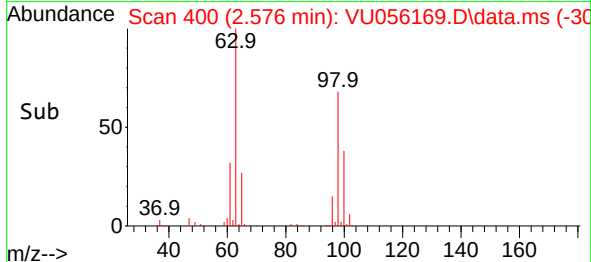
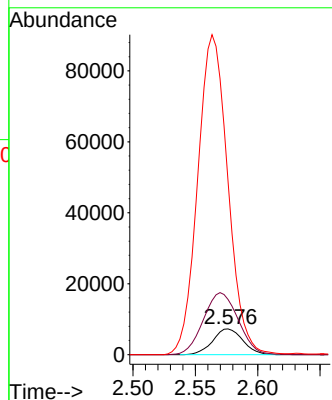
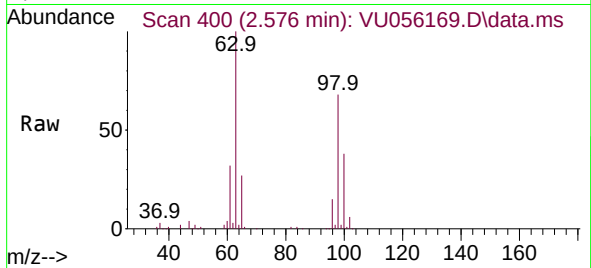




#12
1,1-Dichloroethene
Concen: 0.530 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU056169.D
Acq: 10 Nov 2023 14:05

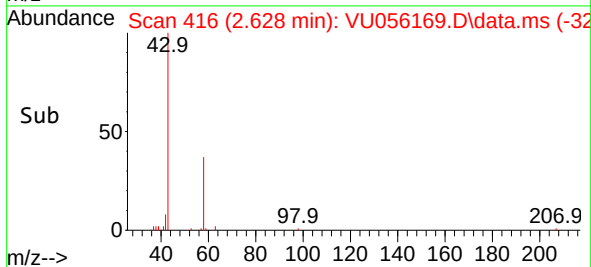
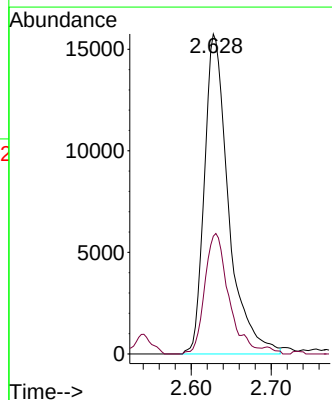
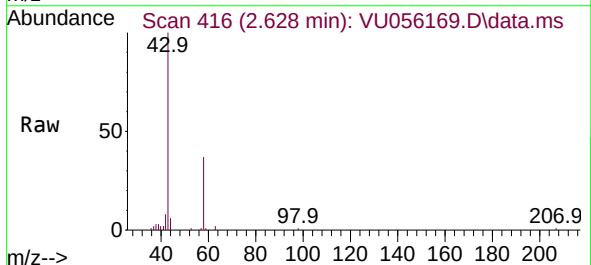
Instrument :
MSVOA_U
ClientSampleId :
GCDK6

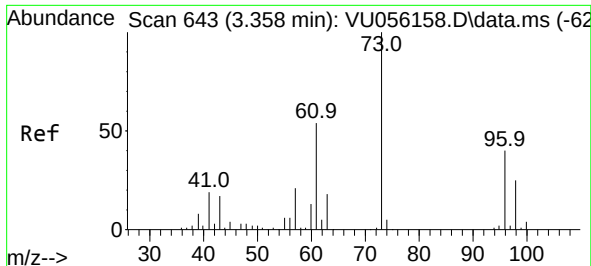
Tgt Ion: 96 Resp: 12231
Ion Ratio Lower Upper
96 100
61 214.8 111.7 207.5#
63 674.1 74.5 138.3#



#13
Acetone
Concen: 12.251 ug/L
RT: 2.628 min Scan# 416
Delta R.T. -0.003 min
Lab File: VU056169.D
Acq: 10 Nov 2023 14:05

Tgt Ion: 43 Resp: 33032
Ion Ratio Lower Upper
43 100
58 37.6 0.0 74.4

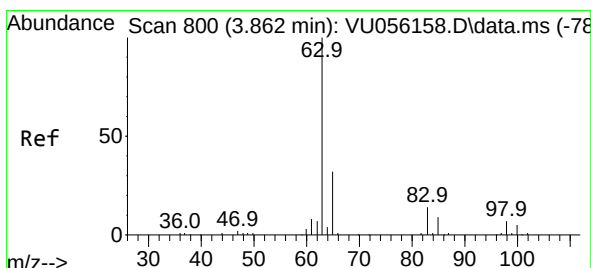
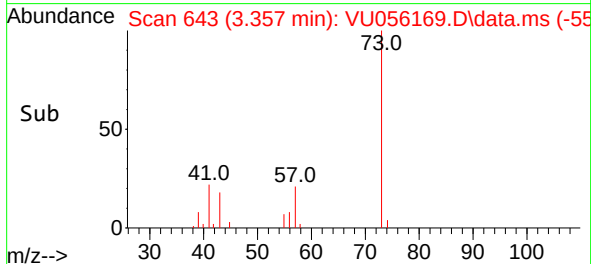
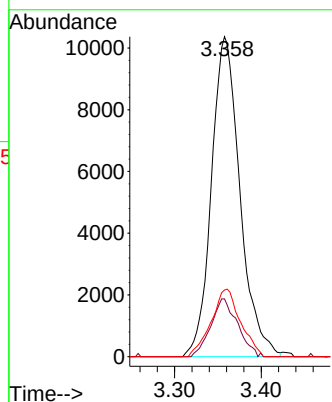
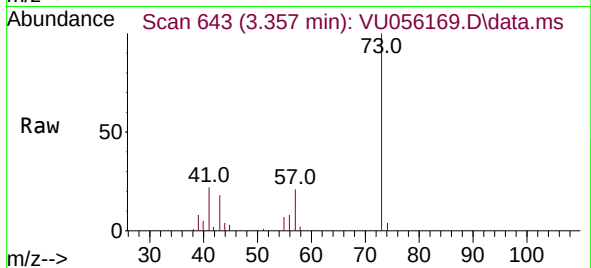




#17
Methyl tert-butyl Ether
Concen: 0.456 ug/L
RT: 3.357 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU056169.D
Acq: 10 Nov 2023 14:05

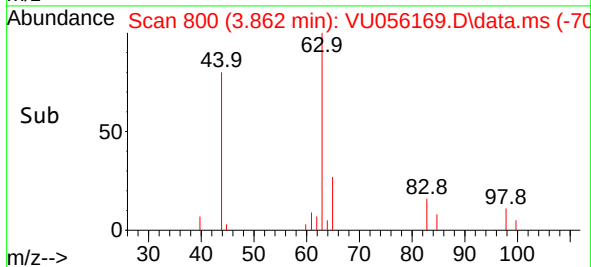
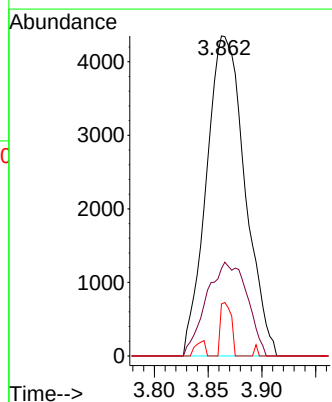
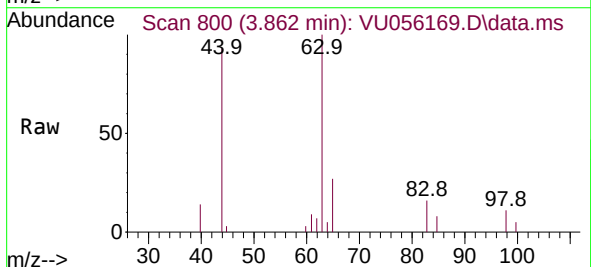
Instrument :
MSVOA_U
ClientSampleId :
GCDK6

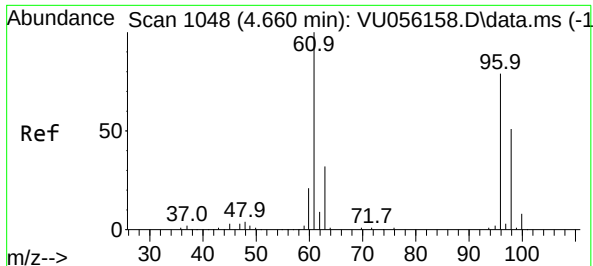
Tgt Ion: 73	Resp: 23729
Ion Ratio	Lower Upper
73 100	
43 17.0	13.6 20.4
57 21.7	17.3 25.9



#19
1,1-Dichloroethane
Concen: 0.243 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU056169.D
Acq: 10 Nov 2023 14:05

Tgt Ion: 63	Resp:	10846	
Ion	Ratio	Lower	Upper
63	100		
65	27.4	20.6	38.2
83	16.2	9.6	17.8

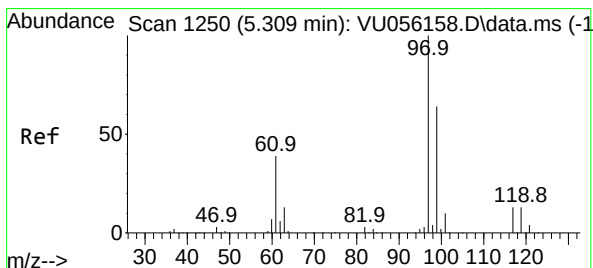
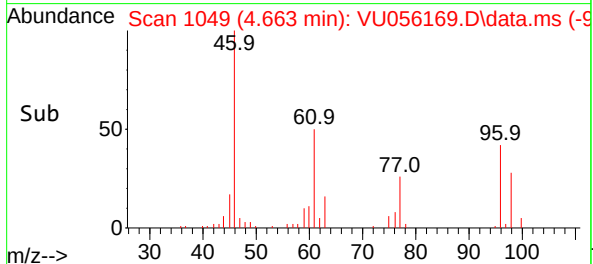
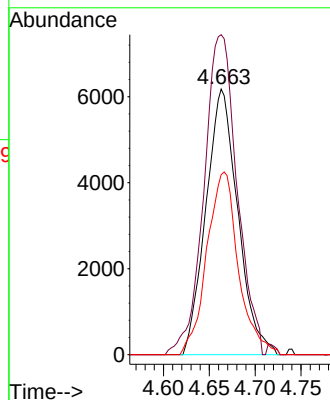
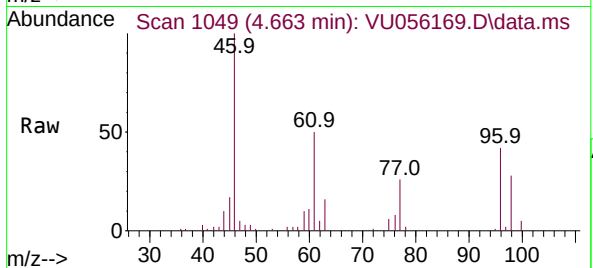




#22
 cis-1,2-Dichloroethene
 Concen: 0.568 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.003 min
 Lab File: VU056169.D
 Acq: 10 Nov 2023 14:05

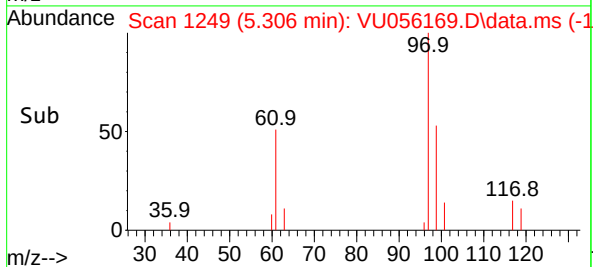
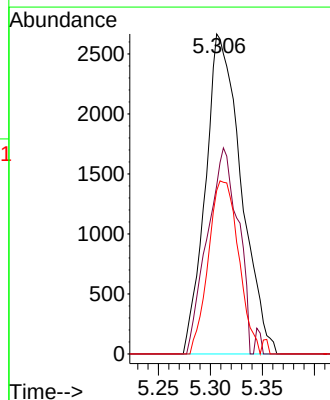
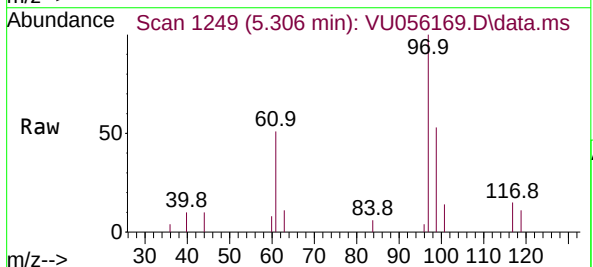
Instrument :
 MSVOA_U
 ClientSampleId :
 GCDK6

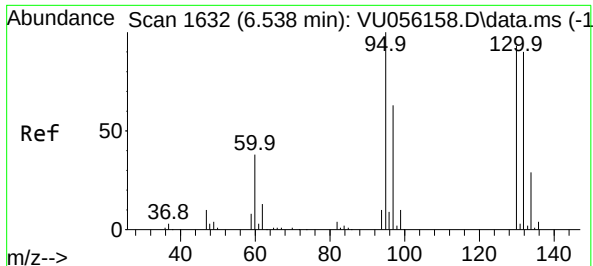
Tgt Ion: 96 Resp: 14986
 Ion Ratio Lower Upper
 96 100
 61 120.5 87.8 163.2
 98 67.8 43.5 80.7



#29
 1,1,1-Trichloroethane
 Concen: 0.155 ug/L
 RT: 5.306 min Scan# 1249
 Delta R.T. -0.003 min
 Lab File: VU056169.D
 Acq: 10 Nov 2023 14:05

Tgt Ion: 97 Resp: 6358
 Ion Ratio Lower Upper
 97 100
 99 55.6 52.0 78.0
 61 45.8 33.4 50.0





#34

Trichloroethene

Concen: 30.744 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU056169.D

Acq: 10 Nov 2023 14:05

Instrument :

MSVOA_U

ClientSampleId :

GCDK6

Tgt Ion: 95 Resp: 860114

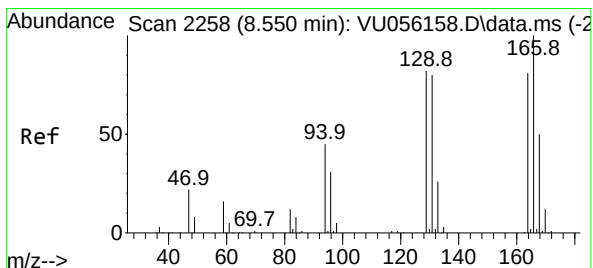
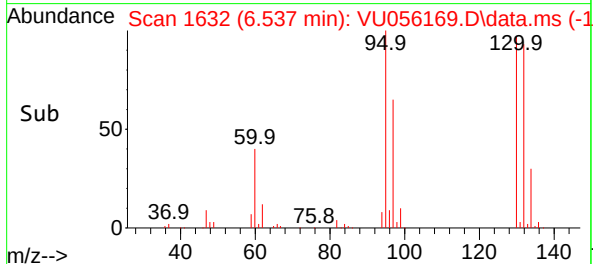
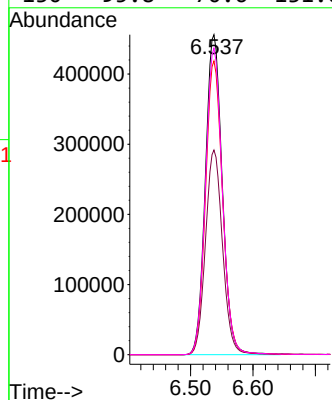
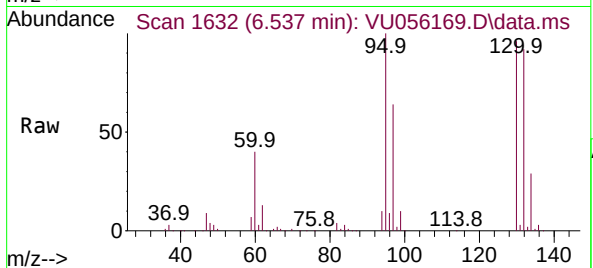
Ion Ratio Lower Upper

95 100

97 64.0 46.8 87.0

132 91.8 66.5 123.5

130 95.8 70.6 131.0



#47

Tetrachloroethene

Concen: 4.078 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.000 min

Lab File: VU056169.D

Acq: 10 Nov 2023 14:05

Tgt Ion:164 Resp: 85629

Ion Ratio Lower Upper

164 100

129 100.2 66.6 123.8

131 97.4 67.8 126.0

166 134.0 85.9 159.5

