

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112224\
 Data File : VU062001.D
 Acq On : 23 Nov 2024 03:53
 Operator : MD/SY
 Sample : P4904-16
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG426

Quant Time: Nov 23 05:08:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 23 00:14:12 2024
 Response via : Initial Calibration

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

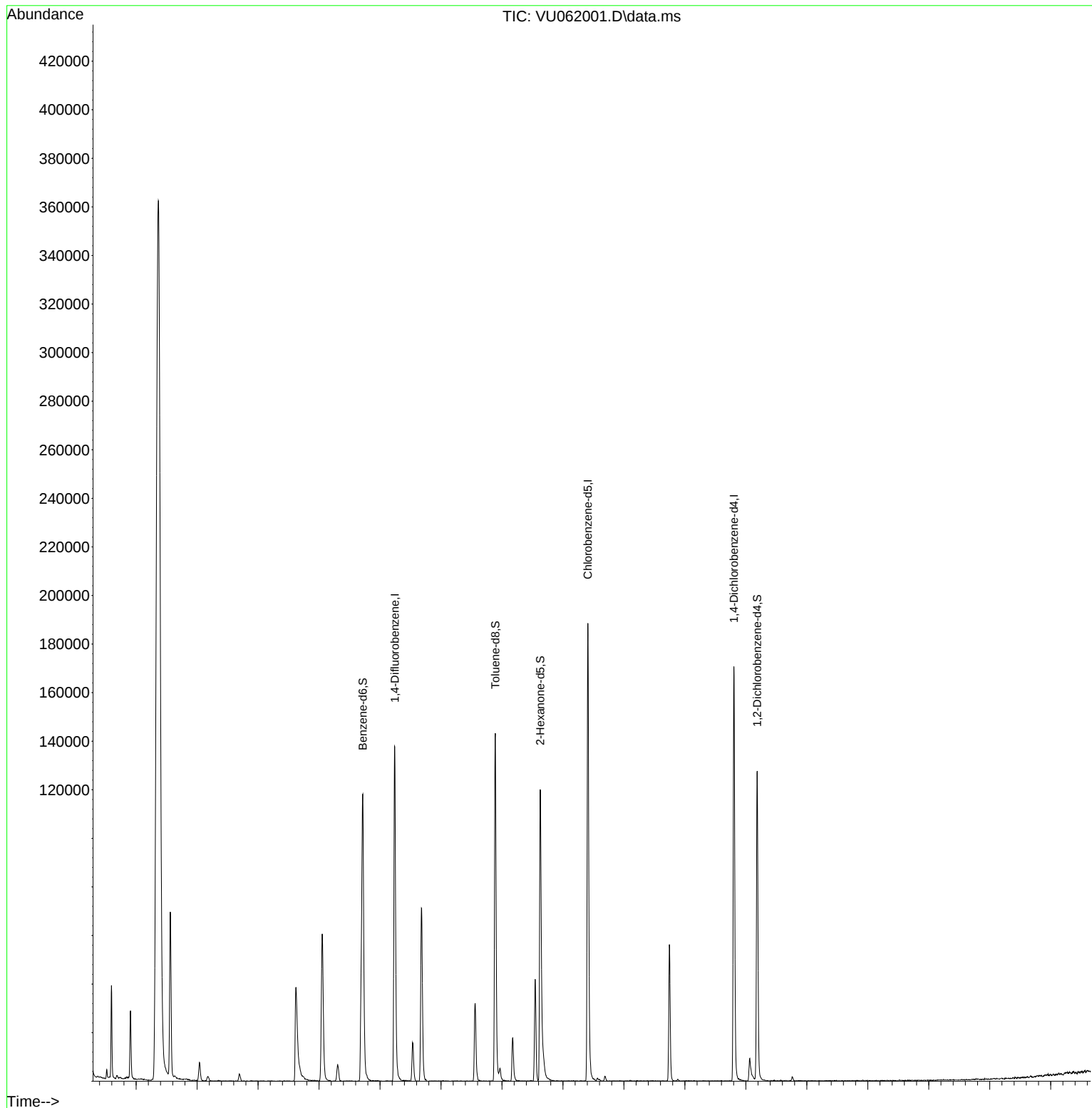
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	117405	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	110746	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	49904	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	26465	4.595	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.000%
7) Chloroethane-d5	1.907	69	20984	4.119	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.560	65	12661	5.503	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	110.000%
20) 2-Butanone-d5	4.621	46	63544	35.138	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.280%
24) Chloroform-d	5.052	84	60932	4.337	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.692	65	31949	4.419	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	5.718	84	116111	5.381	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.600%
36) 1,2-Dichloropropane-d6	6.679	67	36719	5.008	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.891	98	102885	5.717	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.400%
43) trans-1,3-Dichloroprop...	8.177	79	12425	4.578	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.627	63	42814	34.559	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.120%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	27738	3.786	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	36479	4.944	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						
16) Methylene chloride	3.039	84	3943	0.417	ug/L	95
29) 1,1,1-Trichloroethane	5.306	97	5410	0.424	ug/L	94
34) Trichloroethene	6.537	95	5723	0.641	ug/L	94
47) Tetrachloroethene	8.544	164	9440	1.454	ug/L	98

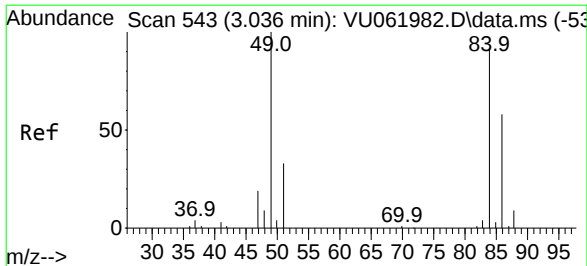
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.417 ug/L

RT: 3.039 min Scan# 54

Delta R.T. 0.003 min

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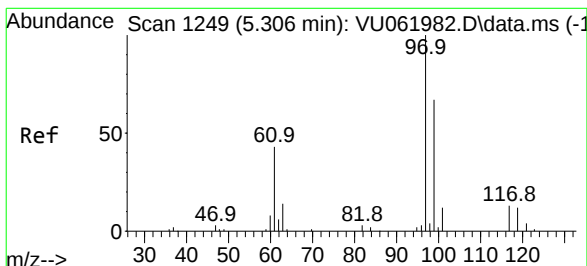
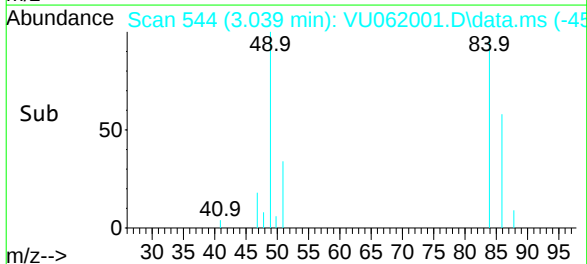
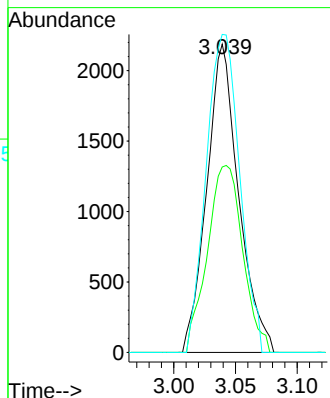
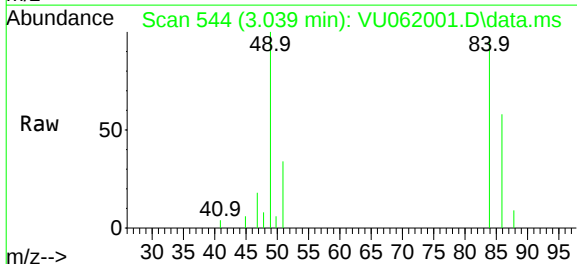
Tgt Ion: 84 Resp: 3943

Ion Ratio Lower Upper

84 100

86 60.1 43.5 80.7

49 109.5 81.9 152.1



#29

1,1,1-Trichloroethane

Concen: 0.424 ug/L

RT: 5.306 min Scan# 1249

Delta R.T. 0.000 min

Lab File: VU062001.D

Acq: 23 Nov 2024 03:53

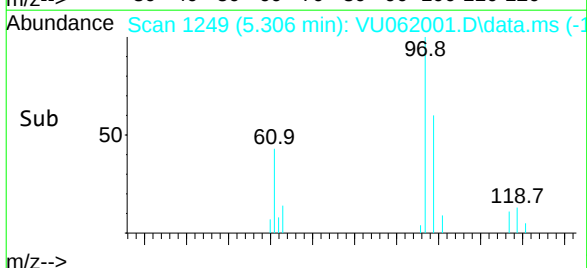
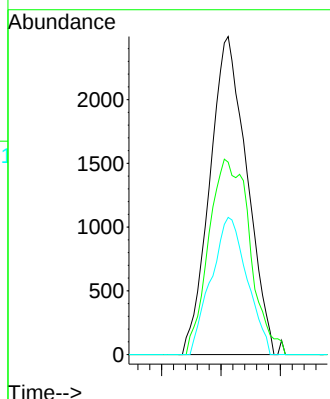
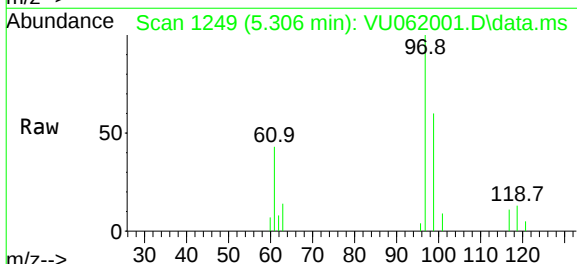
Tgt Ion: 97 Resp: 5410

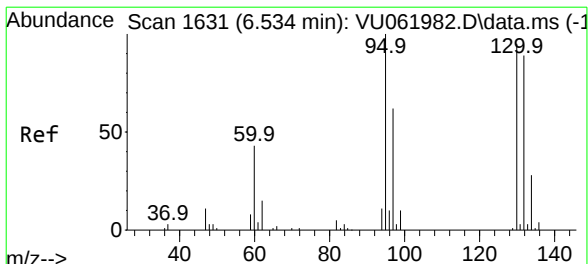
Ion Ratio Lower Upper

97 100

99 68.4 51.4 77.2

61 41.8 37.8 56.6

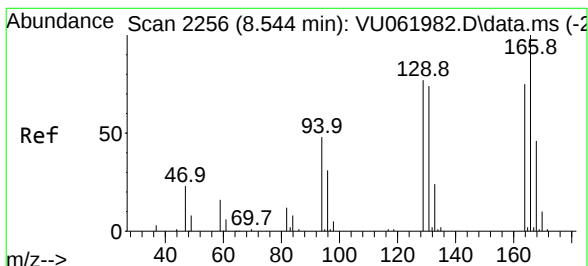
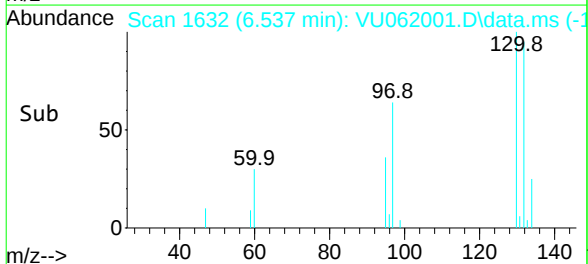
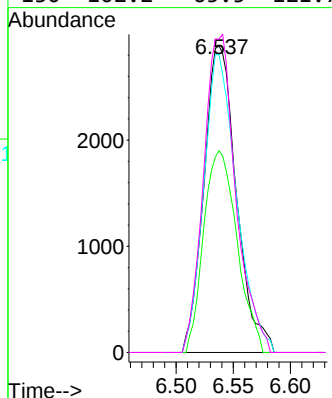
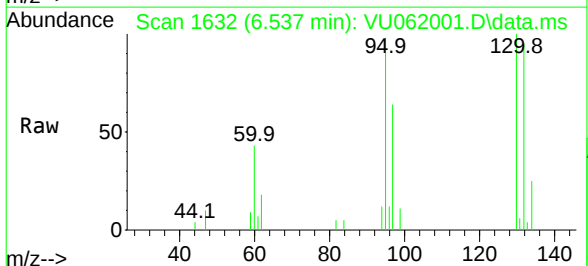




#34
 Trichloroethene
 Concen: 0.641 ug/L
 RT: 6.537 min Scan# 1632
 Delta R.T. 0.003 min
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Tgt Ion:	95	Resp:	5723
Ion	Ratio	Lower	Upper
95	100		
97	65.8	45.9	85.3
132	97.1	63.8	118.4
130	102.2	65.5	121.7



#47
 Tetrachloroethene
 Concen: 1.454 ug/L
 RT: 8.544 min Scan# 2256
 Delta R.T. 0.000 min
 Lab File: VU062001.D
 Acq: 23 Nov 2024 03:53

Tgt Ion:	164	Resp:	9440
Ion	Ratio	Lower	Upper
164	100		
129	103.2	73.2	136.0
131	102.6	72.3	134.3
166	133.1	90.2	167.4

