

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111824\
 Data File : VU061844.D
 Acq On : 19 Nov 2024 05:05
 Operator : MD/SY
 Sample : P4885-02
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3P7

Quant Time: Nov 19 05:50:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 03:37:44 2024
 Response via : Initial Calibration

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

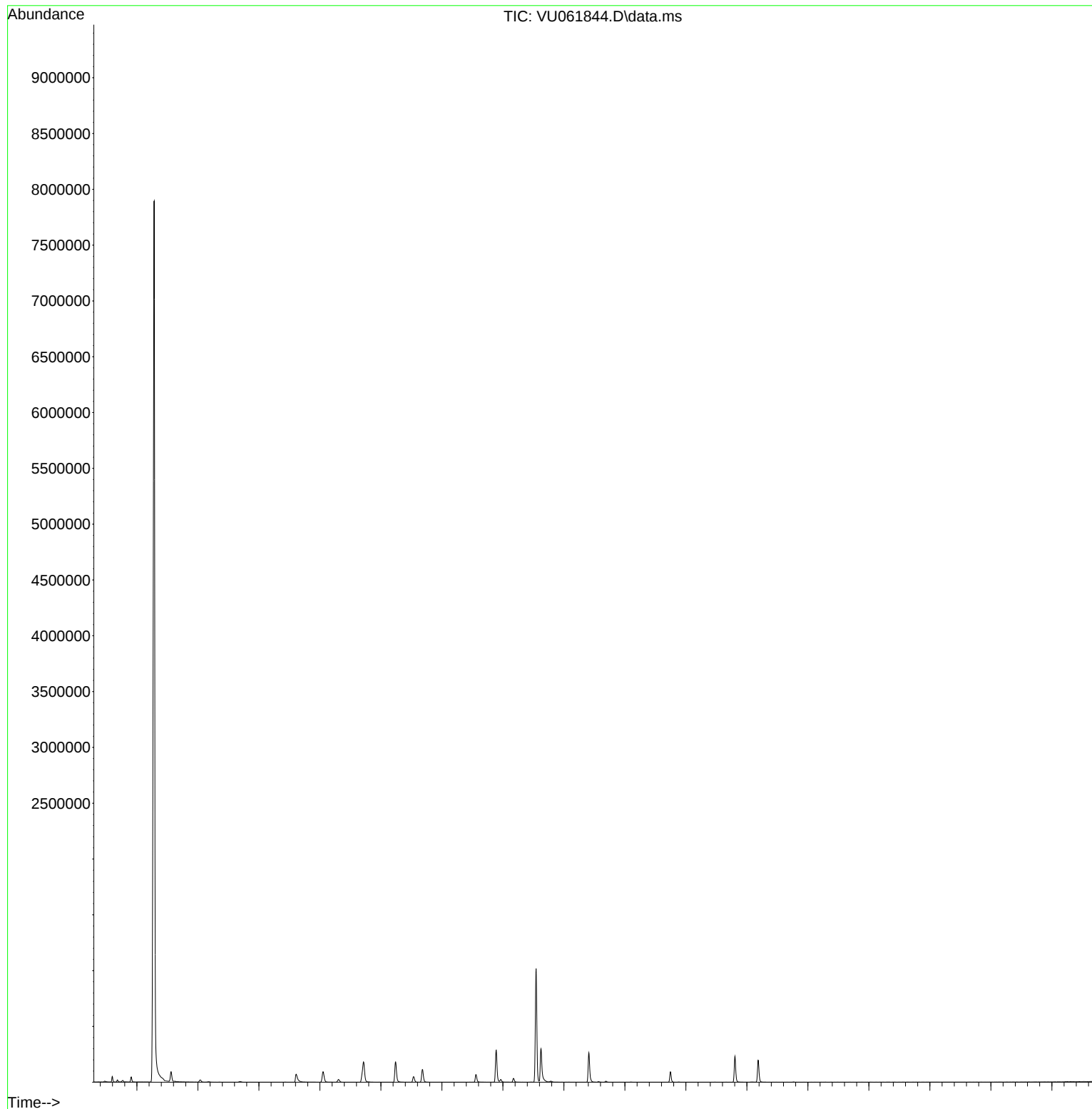
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	164587	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	155534	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	65120	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	34084	3.205	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.200%
7) Chloroethane-d5	1.908	69	33003	3.635	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.800%
11) 1,1-Dichloroethene-d2	2.557	65	16036	3.361	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.200%
20) 2-Butanone-d5	4.608	46	103703	45.945	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.880%
24) Chloroform-d	5.052	84	91100	4.310	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	5.692	65	46529	4.587	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	5.718	84	179772	4.178	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	6.679	67	56872	4.481	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.891	98	207335	5.170	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
43) trans-1,3-Dichloroprop...	8.174	79	21056	4.504	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.000%
46) 2-Hexanone-d5	8.624	63	106161	57.472	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.940%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	47155	4.713	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	56416	4.864	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds	Qvalue					
16) Methylene chloride	3.039	84	10681	0.933	ug/L	92
22) cis-1,2-Dichloroethene	4.666	96	1610	0.131	ug/L	77
29) 1,1,1-Trichloroethane	5.303	97	17695	1.000	ug/L	98
34) Trichloroethene	6.534	95	18792	1.478	ug/L	98
42) Toluene	7.965	91	18857	0.372	ug/L	94
47) Tetrachloroethene	8.544	164	229626	24.042	ug/L	98

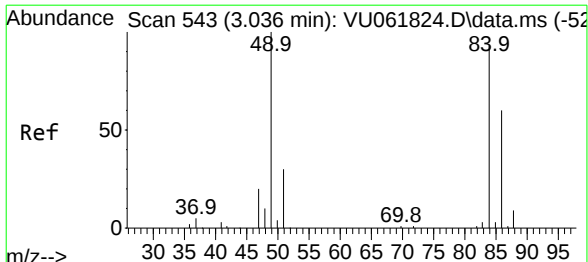
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 19 03:37:44 2024
Response via : Initial Calibration

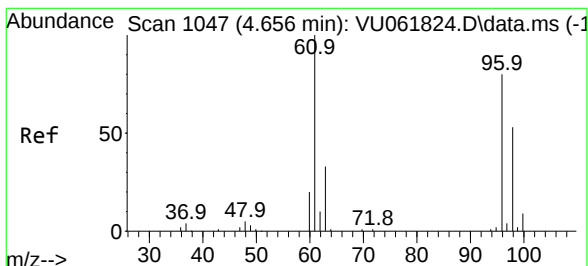
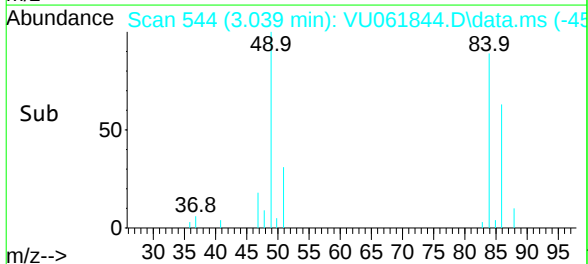
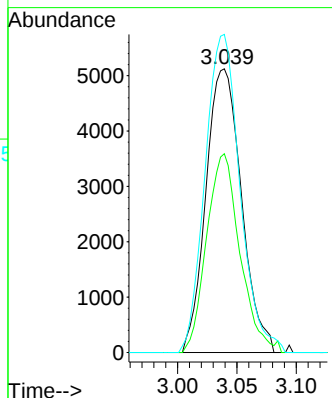
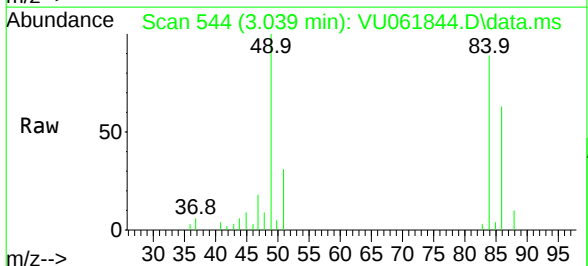




#16
Methylene chloride
Concen: 0.933 ug/L
RT: 3.039 min Scan# 54
Delta R.T. 0.004 min
Lab File: VU061844.D
Acq: 19 Nov 2024 05:05

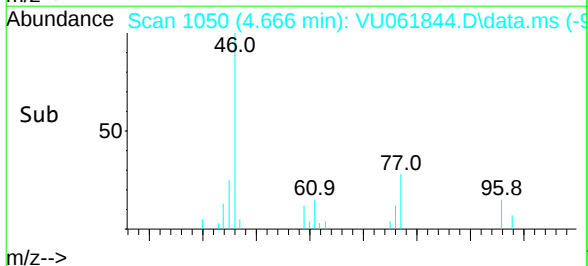
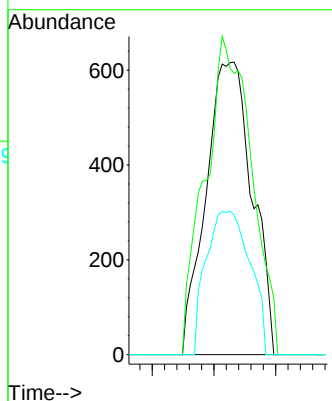
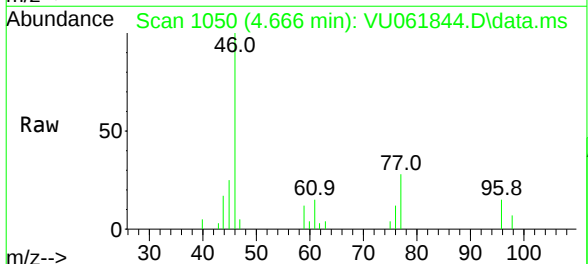
Instrument :
MSVOA_U
ClientSampleId :
BG3P7

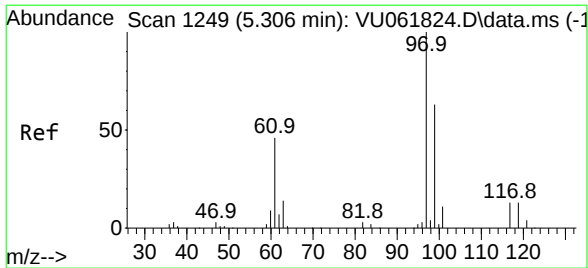
Tgt Ion: 84	Resp: 10681
Ion Ratio	Lower Upper
84 100	
86 70.1	45.1 83.7
49 117.8	76.3 141.7



#22
cis-1,2-Dichloroethene
Concen: 0.131 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.010 min
Lab File: VU061844.D
Acq: 19 Nov 2024 05:05

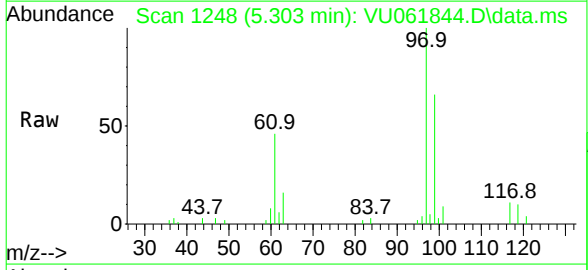
Tgt Ion: 96	Resp: 1610
Ion Ratio	Lower Upper
96 100	
61 96.1	85.6 159.0
98 47.6	45.6 84.8



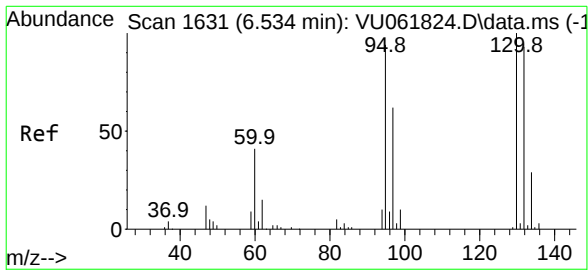
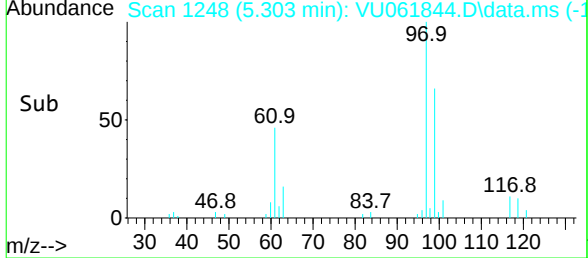
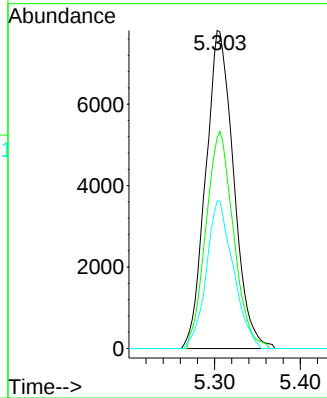


#29
 1,1,1-Trichloroethane
 Concen: 1.000 ug/L
 RT: 5.303 min Scan# 1248
 Delta R.T. -0.003 min
 Lab File: VU061844.D
 Acq: 19 Nov 2024 05:05

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3P7

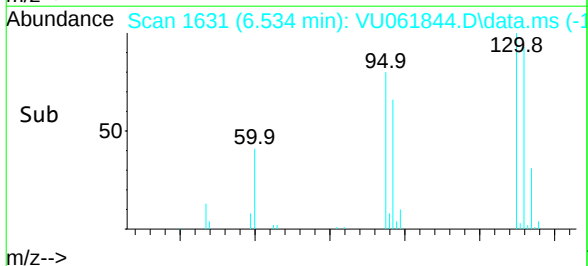
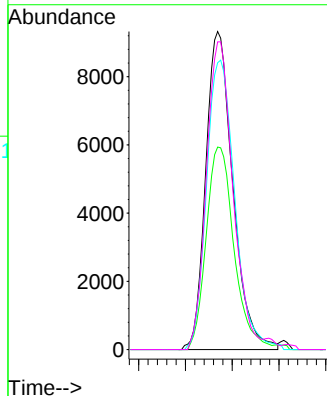
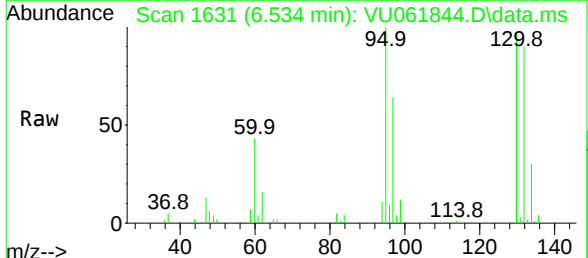


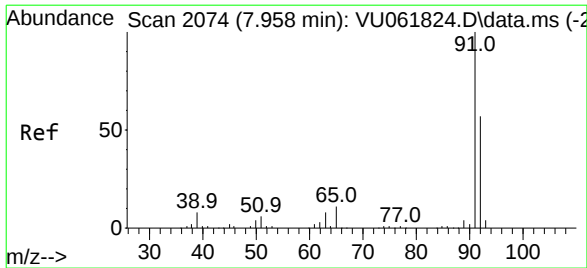
Tgt Ion	Ratio	Lower	Upper
97	100		
99	67.3	51.7	77.5
61	44.8	35.4	53.0



#34
 Trichloroethene
 Concen: 1.478 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. 0.000 min
 Lab File: VU061844.D
 Acq: 19 Nov 2024 05:05

Tgt Ion	Ratio	Lower	Upper
95	100		
97	63.7	43.5	80.9
132	90.2	65.2	121.0
130	96.8	67.5	125.3





#42

Toluene

Concen: 0.372 ug/L

RT: 7.965 min Scan# 2074

Delta R.T. 0.007 min

Lab File: VU061844.D

Acq: 19 Nov 2024 05:05

Instrument :

MSVOA_U

ClientSampleId :

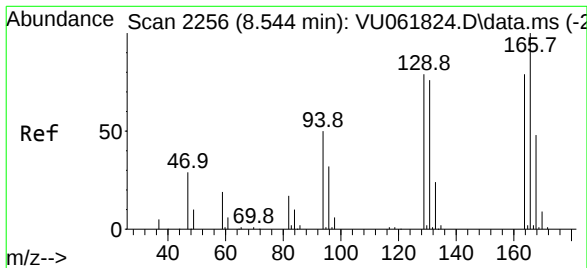
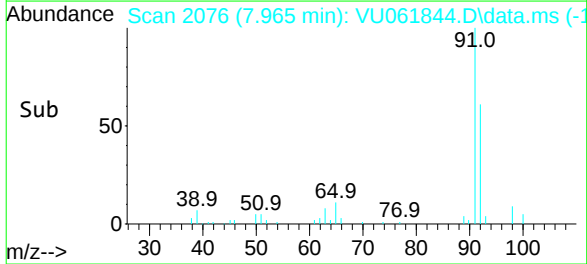
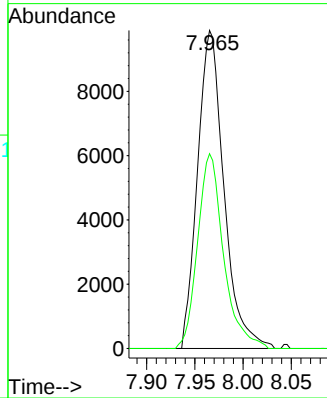
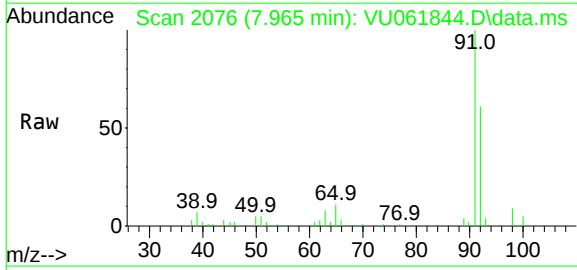
BG3P7

Tgt Ion: 91 Resp: 18857

Ion Ratio Lower Upper

91 100

92 61.2 39.7 73.7



#47

Tetrachloroethene

Concen: 24.042 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. 0.000 min

Lab File: VU061844.D

Acq: 19 Nov 2024 05:05

Tgt Ion: 164 Resp: 229626

Ion Ratio Lower Upper

164 100

129 98.2 71.7 133.3

131 95.7 68.2 126.6

166 127.8 89.9 167.0

