

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111723\
 Data File : VU056469.D
 Acq On : 18 Nov 2023 03:11
 Operator : MD/SY
 Sample : 05436-10
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY1C2

Quant Time: Nov 19 01:25:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 18 00:12:04 2023
 Response via : Initial Calibration

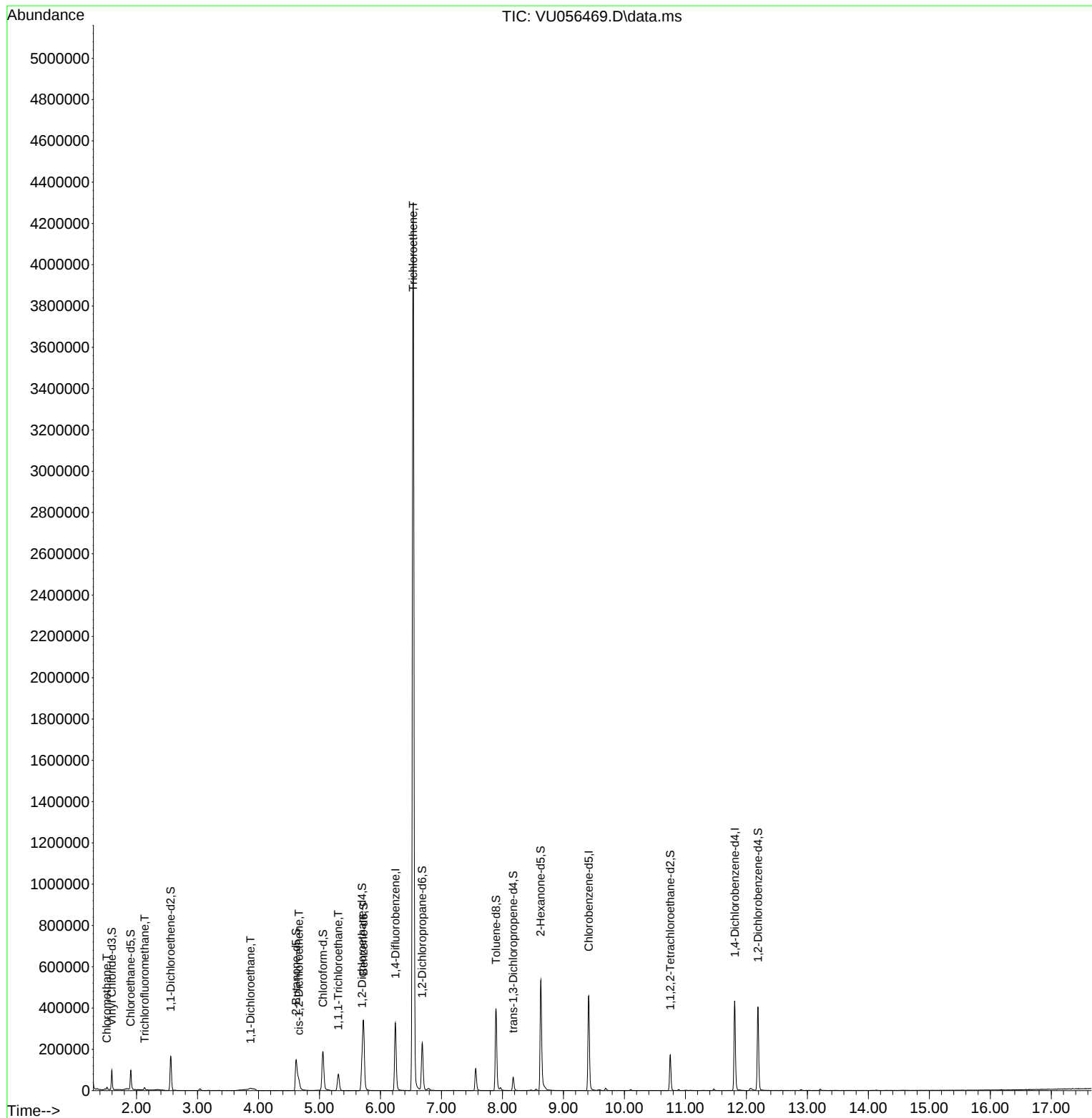
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	261891	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	270140	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	117160	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	67726	3.457	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.200%
7) Chloroethane-d5	1.904	69	67923	4.522	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.560	65	32014	3.703	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.000%
20) 2-Butanone-d5	4.618	46	226270	57.929	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.860%
24) Chloroform-d	5.058	84	181543	4.791	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.698	65	94570	5.402	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.000%
32) Benzene-d6	5.721	84	329127	4.089	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	6.685	67	111429	4.594	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.894	98	274352	3.860	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.200%
43) trans-1,3-Dichloroprop...	8.177	79	39688	4.266	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.627	63	183908	50.303	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.600%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	86235	4.975	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	106413	4.917	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						
3) Chloromethane	1.515	50	7866	0.371	ug/L	94
9) Trichlorofluoromethane	2.132	101	6792	0.231	ug/L	96
19) 1,1-Dichloroethane	3.869	63	5213	0.160	ug/L	89
22) cis-1,2-Dichloroethene	4.663	96	19009	1.016	ug/L	96
29) 1,1,1-Trichloroethane	5.309	97	58590	1.889	ug/L	98
34) Trichloroethene	6.537	95	1517169	72.241	ug/L	99

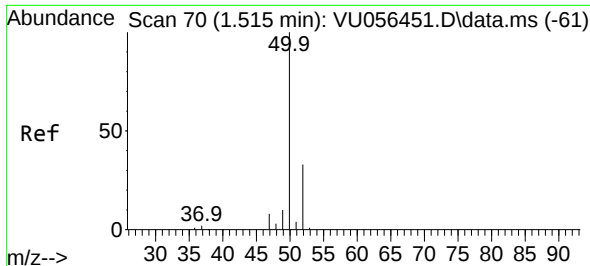
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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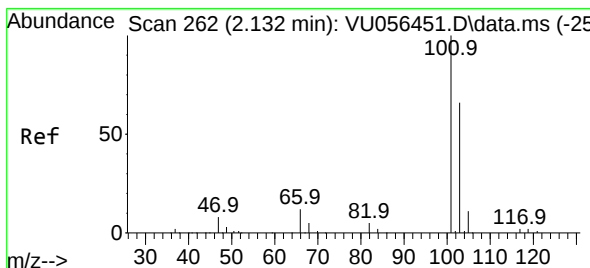
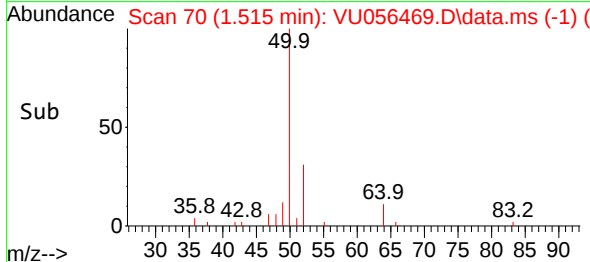
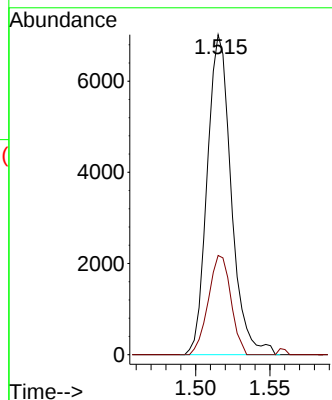
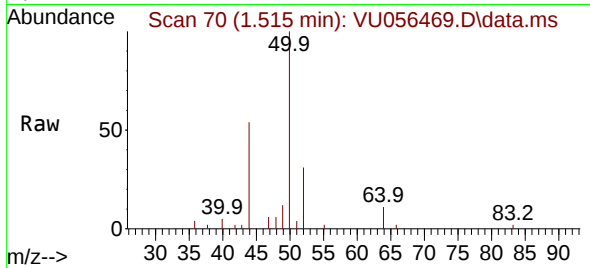




#3
Chloromethane
Concen: 0.371 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU056469.D
Acq: 18 Nov 2023 03:11

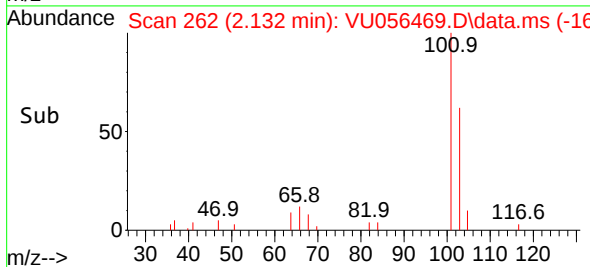
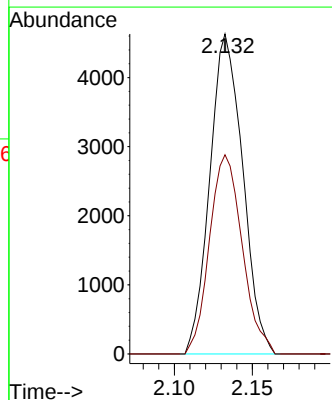
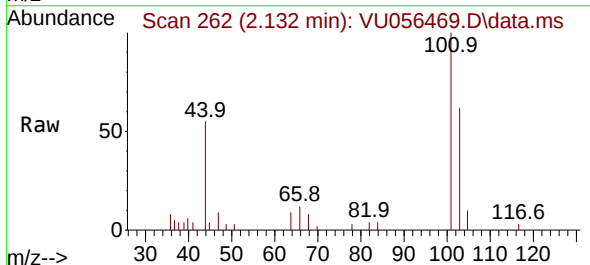
Instrument :
MSVOA_U
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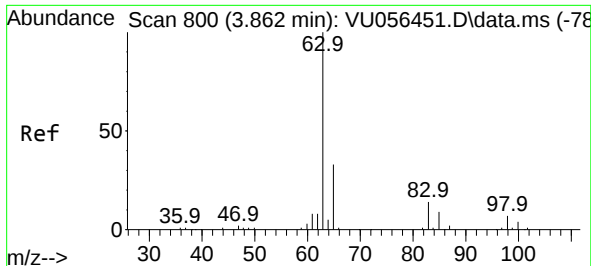
Tgt Ion: 50 Resp: 7866
Ion Ratio Lower Upper
50 100
52 31.0 24.3 45.1



#9
Trichlorofluoromethane
Concen: 0.231 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU056469.D
Acq: 18 Nov 2023 03:11

Tgt Ion: 101 Resp: 6792
Ion Ratio Lower Upper
101 100
103 61.9 52.0 78.0





#19

1,1-Dichloroethane

Concen: 0.160 ug/L

RT: 3.869 min Scan# 800

Delta R.T. 0.006 min

Lab File: VU056469.D

Acq: 18 Nov 2023 03:11

Instrument :

MSVOA_U

ClientSampleId :

EY1C2

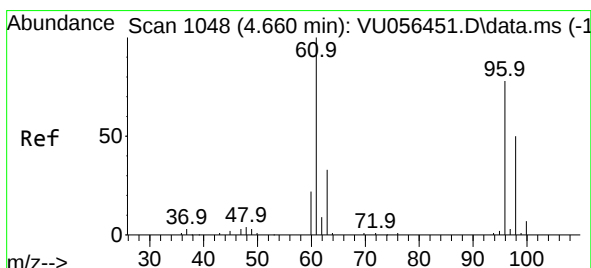
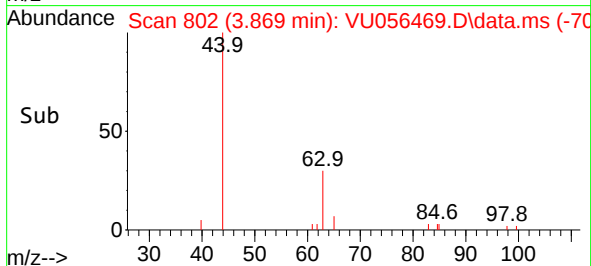
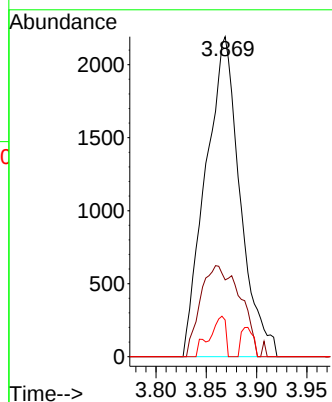
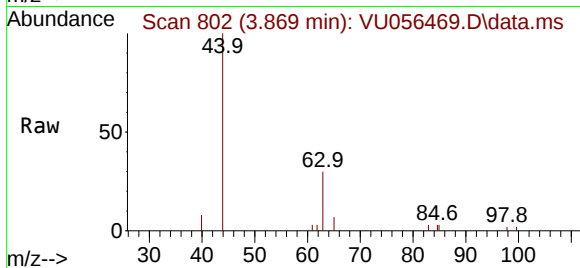
Tgt Ion: 63 Resp: 5213

Ion Ratio Lower Upper

63 100

65 24.0 21.8 40.6

83 11.5 9.7 17.9



#22

cis-1,2-Dichloroethene

Concen: 1.016 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.003 min

Lab File: VU056469.D

Acq: 18 Nov 2023 03:11

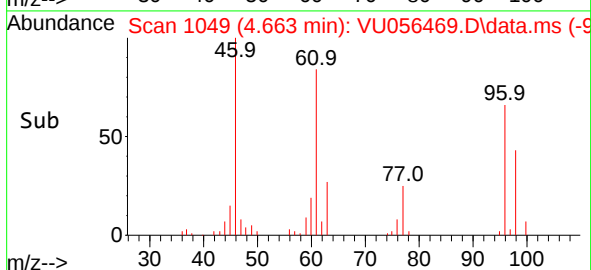
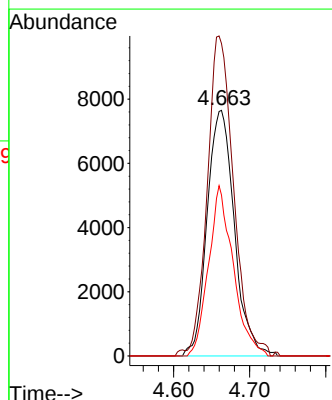
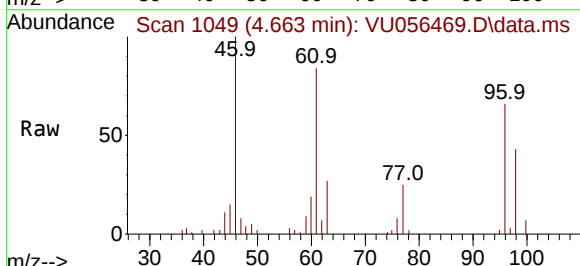
Tgt Ion: 96 Resp: 19009

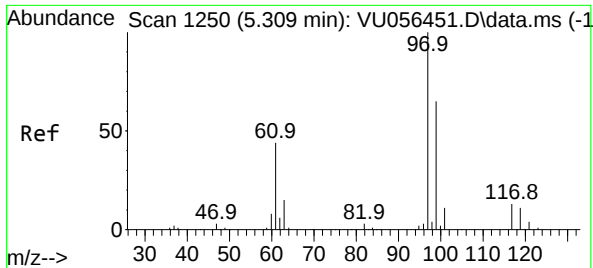
Ion Ratio Lower Upper

96 100

61 127.2 93.2 173.2

98 65.5 44.8 83.2

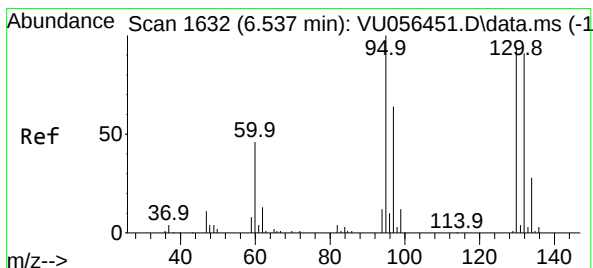
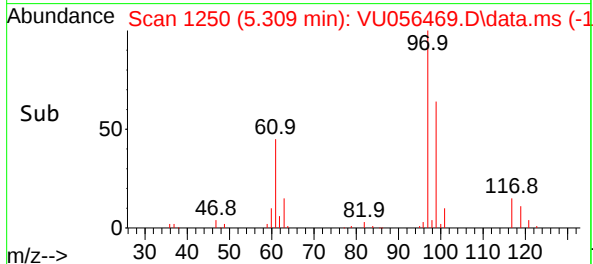
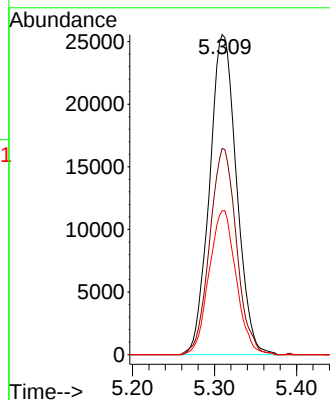
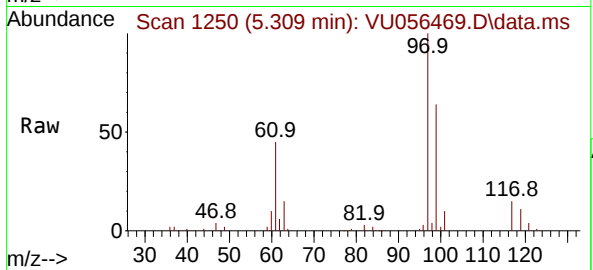




#29
1,1,1-Trichloroethane
Concen: 1.889 ug/L
RT: 5.309 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU056469.D
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Tgt Ion:	97	Resp:	58590
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.6	77.4
61	45.1	34.3	51.5



#34
Trichloroethene
Concen: 72.241 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU056469.D
Acq: 18 Nov 2023 03:11

Tgt Ion:	95	Resp:	1517169
Ion	Ratio	Lower	Upper
95	100		
97	65.4	46.5	86.3
132	90.3	62.0	115.2
130	94.2	66.3	123.1

