

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121124\
 Data File : VU062232.D
 Acq On : 11 Dec 2024 11:38
 Operator : MD/SY
 Sample : P5111-11
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG460

Quant Time: Dec 12 00:25:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 12 00:24:05 2024
 Response via : Initial Calibration

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

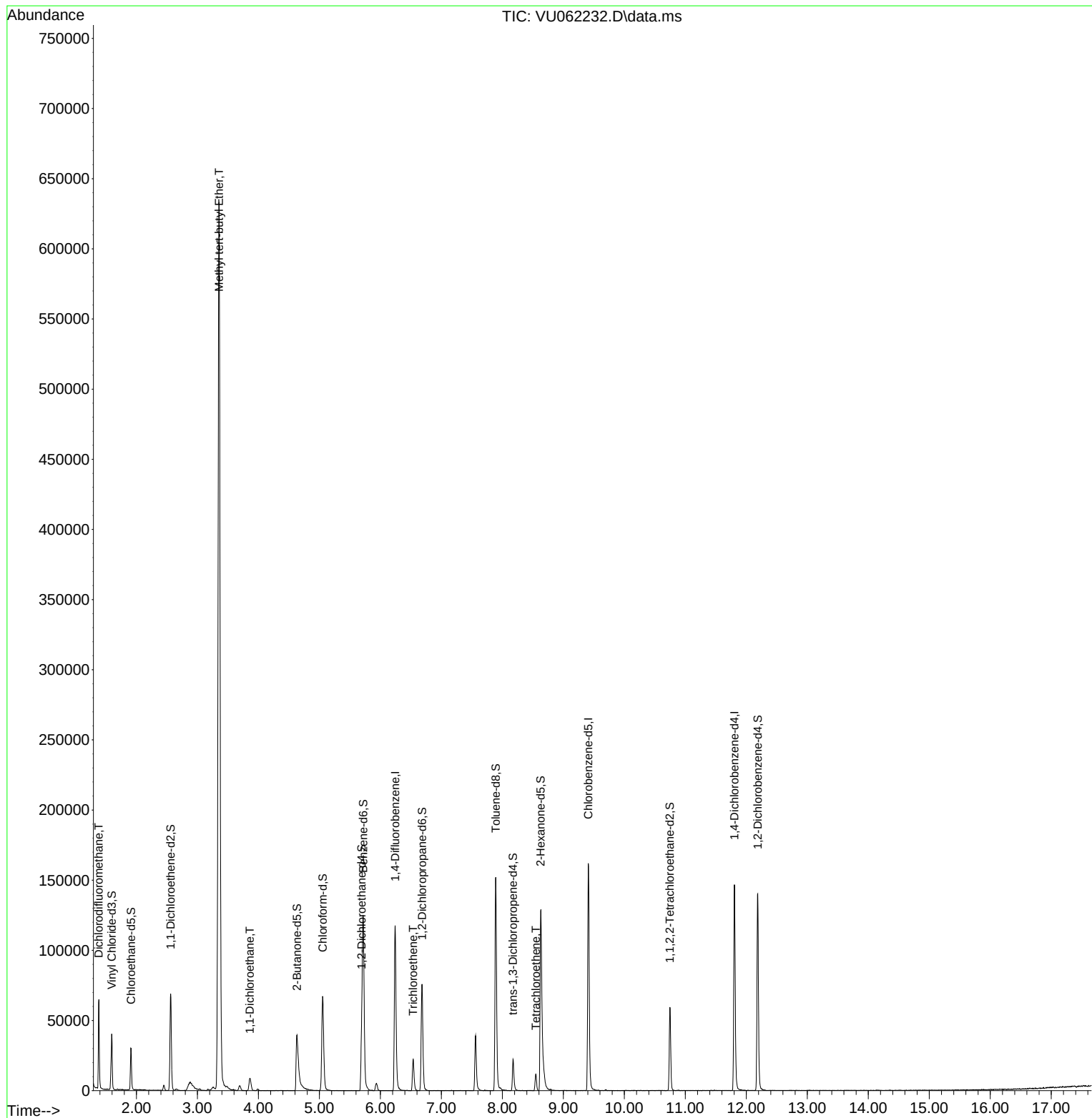
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	99417	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	93951	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	42561	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	26191	3.906	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.200%
7) Chloroethane-d5	1.911	69	22149	4.644	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.560	65	13329	4.178	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.600%
20) 2-Butanone-d5	4.631	46	63684	49.554	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.100%
24) Chloroform-d	5.052	84	66878	4.608	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.692	65	35678	4.999	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.718	84	118720	4.387	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.682	67	36657	4.735	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.891	98	107958	4.223	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	8.174	79	14512	4.258	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.628	63	49178	47.832	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.660%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29497	4.896	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	40071	5.109	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	37467	4.023	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	759581	45.425	ug/L	96
19) 1,1-Dichloroethane	3.859	63	11231	0.888	ug/L	98
34) Trichloroethene	6.534	95	8094	0.981	ug/L	96
47) Tetrachloroethene	8.550	164	2891	0.454	ug/L	96

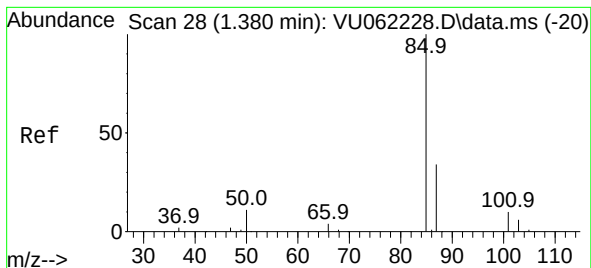
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 4.023 ug/L

RT: 1.380 min Scan# 28

Delta R.T. 0.000 min

Lab File: VU062232.D

Acq: 11 Dec 2024 11:38

Instrument :

MSVOA_U

ClientSampleId :

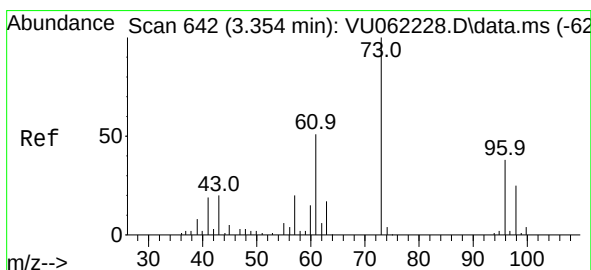
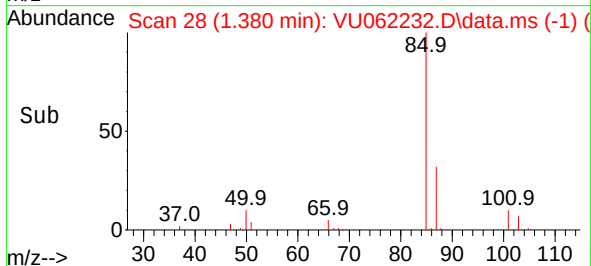
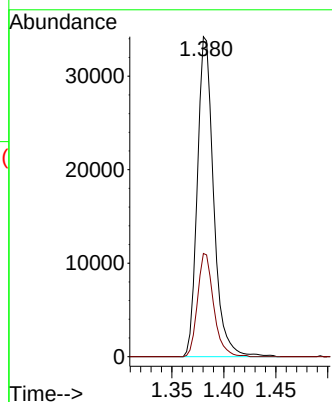
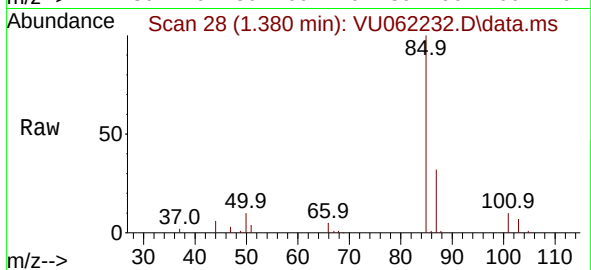
BG460

Tgt Ion: 85 Resp: 37467

Ion Ratio Lower Upper

85 100

87 31.8 26.6 40.0



#17

Methyl tert-butyl Ether

Concen: 45.425 ug/L

RT: 3.354 min Scan# 642

Delta R.T. 0.000 min

Lab File: VU062232.D

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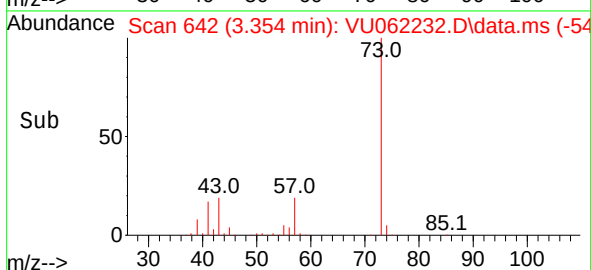
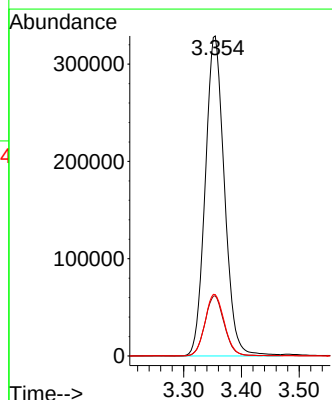
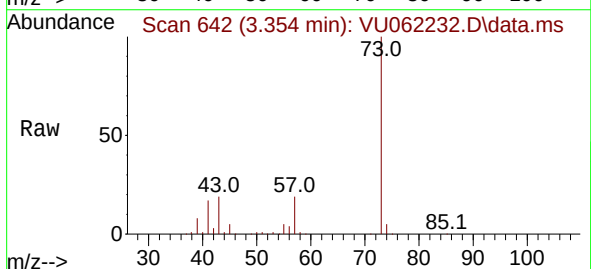
Tgt Ion: 73 Resp: 759581

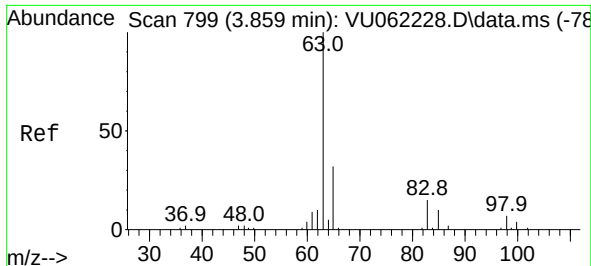
Ion Ratio Lower Upper

73 100

43 19.0 16.3 24.5

57 19.5 17.1 25.7





#19

1,1-Dichloroethane

Concen: 0.888 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.000 min

Lab File: VU062232.D

Acq: 11 Dec 2024 11:38

Instrument :

MSVOA_U

ClientSampleId :

BG460

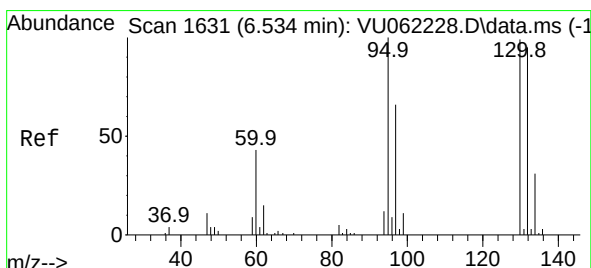
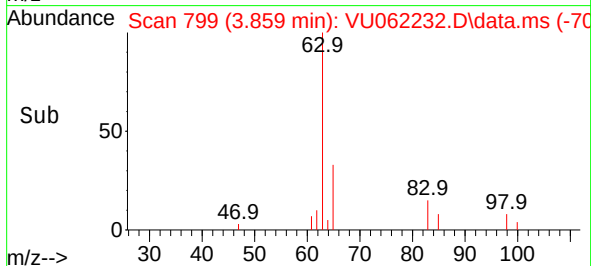
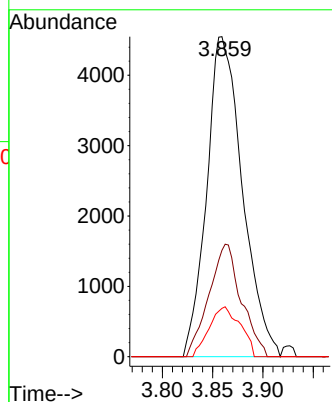
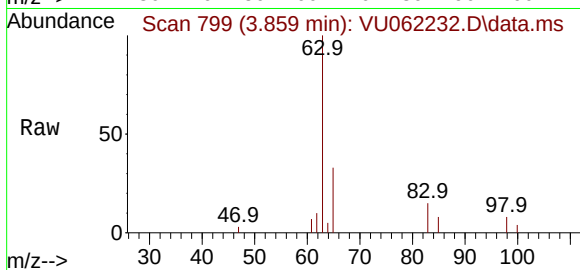
Tgt Ion: 63 Resp: 11231

Ion Ratio Lower Upper

63 100

65 33.3 22.7 42.3

83 15.1 9.9 18.3



#34

Trichloroethene

Concen: 0.981 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. 0.000 min

Lab File: VU062232.D

Acq: 11 Dec 2024 11:38

Tgt Ion: 95 Resp: 8094

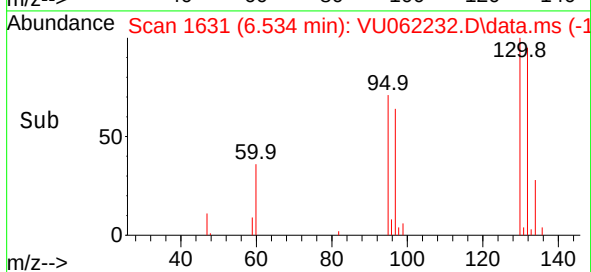
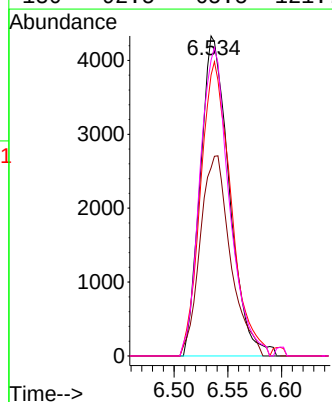
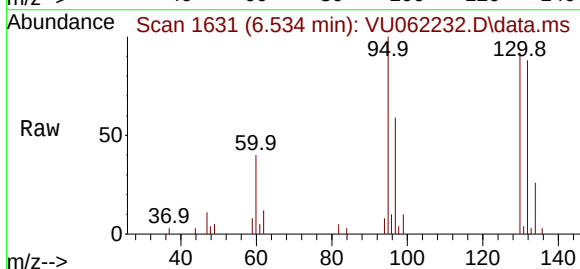
Ion Ratio Lower Upper

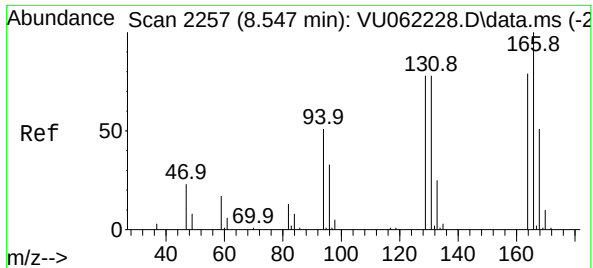
95 100

97 58.8 45.9 85.3

132 87.8 63.8 118.4

130 92.5 65.5 121.7





#47
 Tetrachloroethene
 Concen: 0.454 ug/L
 RT: 8.550 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU062232.D
 Acq: 11 Dec 2024 11:38

Instrument :
 MSVOA_U
 ClientSampleId :
 BG460

Tgt Ion:164	Resp:	2891
Ion	Ratio	Lower Upper
164	100	
129	103.8	73.2 136.0
131	95.7	72.3 134.3
166	123.5	90.2 167.4

