

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020425\
 Data File : VU063138.D
 Acq On : 04 Feb 2025 23:05
 Operator : MD/SY
 Sample : Q1227-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E2988

Quant Time: Feb 05 08:06:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 05 07:57:12 2025
 Response via : Initial Calibration

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

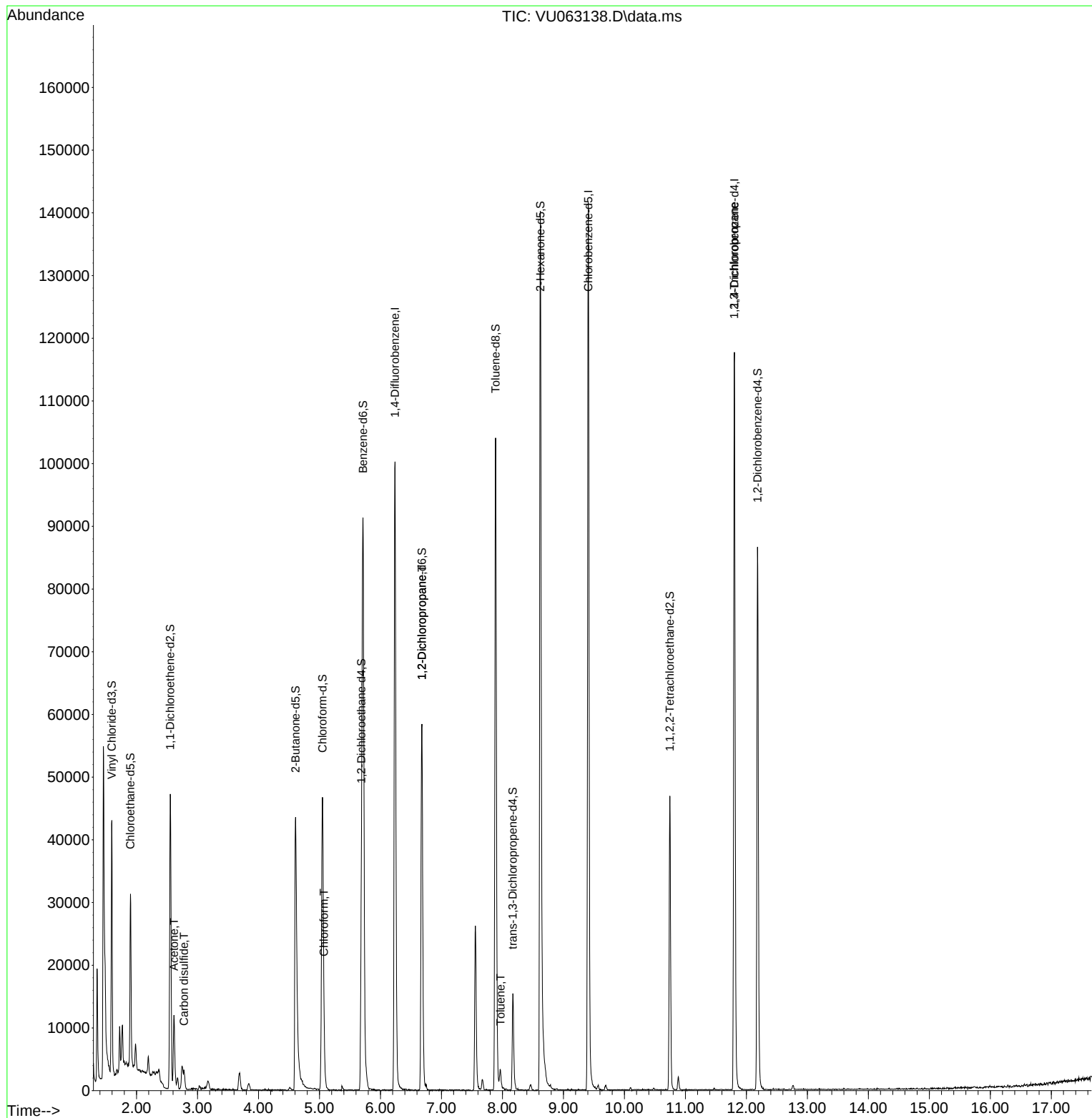
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	83210	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	79551	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	33245	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	20492	4.305	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.200%
7) Chloroethane-d5	1.901	69	19456	4.404	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.554	65	9375	4.412	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	4.608	46	67408	43.021	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.040%
24) Chloroform-d	5.049	84	44482	4.227	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
26) 1,2-Dichloroethane-d4	5.689	65	23501	4.342	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
32) Benzene-d6	5.714	84	88642	4.272	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	6.679	67	29745	4.348	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.000%
41) Toluene-d8	7.888	98	74362	4.057	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	8.171	79	9814	3.829	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.600%
46) 2-Hexanone-d5	8.621	63	50105	38.838	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.680%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	25008	4.142	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	25101	4.522	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.400%
Target Compounds						Qvalue
13) Acetone	2.615	43	13170	13.347	ug/L	98
14) Carbon disulfide	2.779	76	3293	0.173	ug/L	95
25) Chloroform	5.075	83	2524	0.221	ug/L	91
37) 1,2-Dichloropropane	6.679	63	3218	0.461	ug/L #	90
42) Toluene	7.968	91	2664	0.097	ug/L	93
61) 1,2,3-Trichloropropane	11.801	75	4073	1.015	ug/L #	68

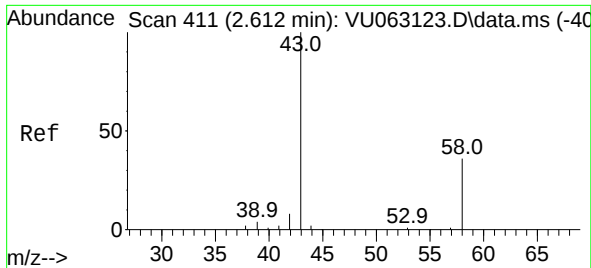
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 13.347 ug/L

RT: 2.615 min Scan# 411

Delta R.T. 0.003 min

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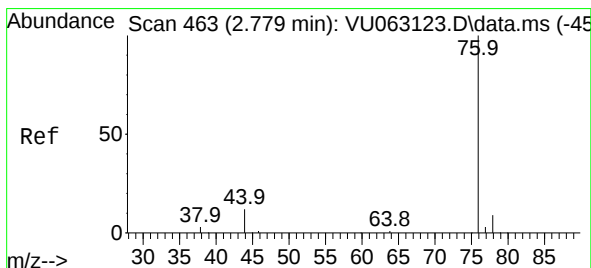
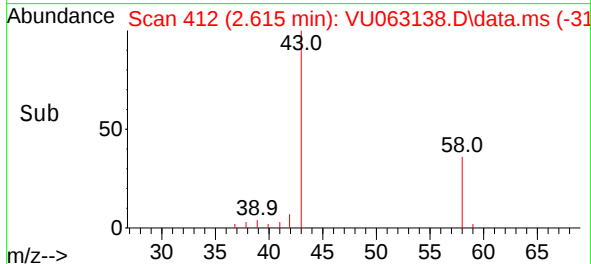
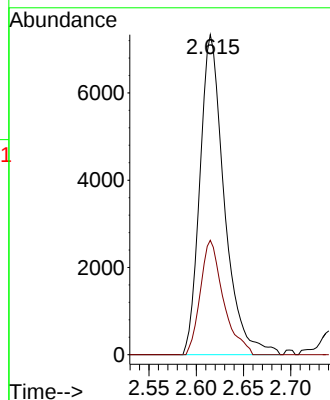
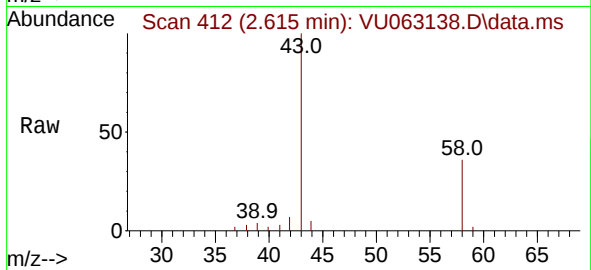
E2988

Tgt Ion: 43 Resp: 13170

Ion Ratio Lower Upper

43 100

58 33.7 0.0 70.2



#14

Carbon disulfide

Concen: 0.173 ug/L

RT: 2.779 min Scan# 463

Delta R.T. 0.000 min

Lab File: VU063138.D

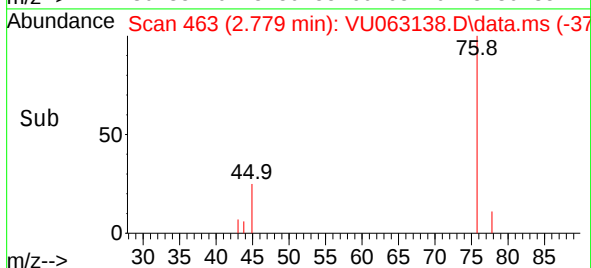
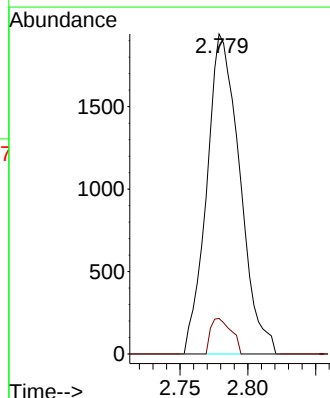
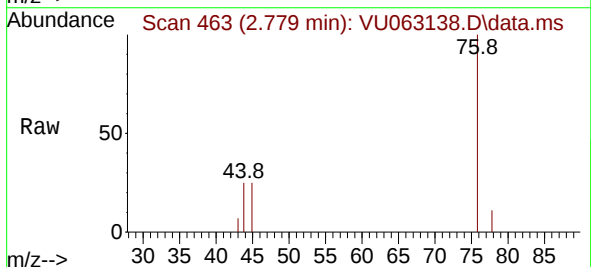
Acq: 04 Feb 2025 23:05

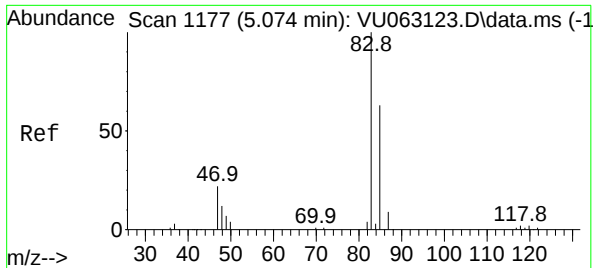
Tgt Ion: 76 Resp: 3293

Ion Ratio Lower Upper

76 100

78 11.1 7.5 11.3





#25

Chloroform

Concen: 0.221 ug/L

RT: 5.075 min Scan# 1177

Delta R.T. 0.000 min

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ClientSampleId :

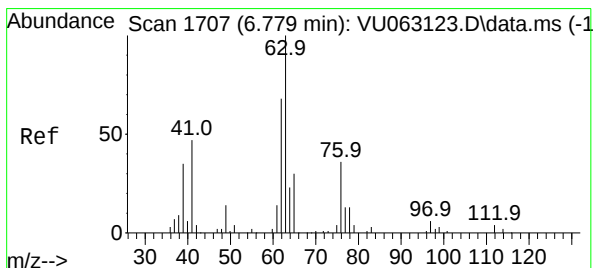
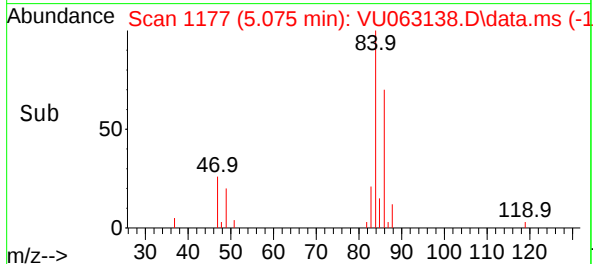
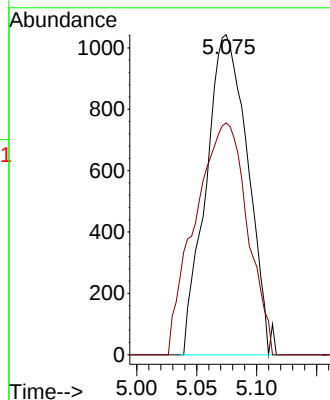
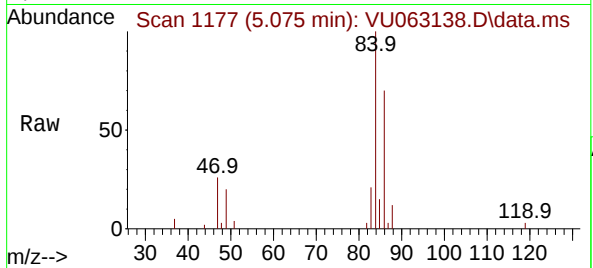
E2988

Tgt Ion: 83 Resp: 2524

Ion Ratio Lower Upper

83 100

85 72.5 45.6 84.8



#37

1,2-Dichloropropane

Concen: 0.461 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.100 min

Lab File: VU063138.D

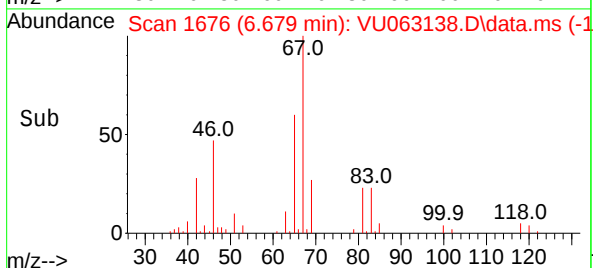
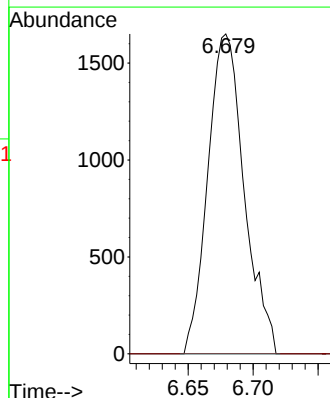
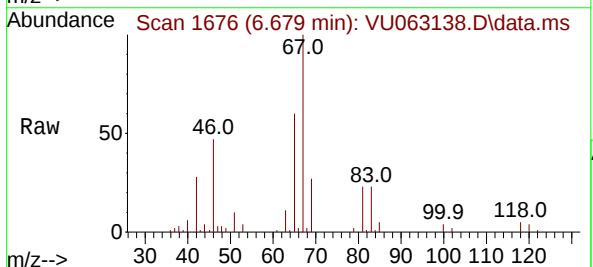
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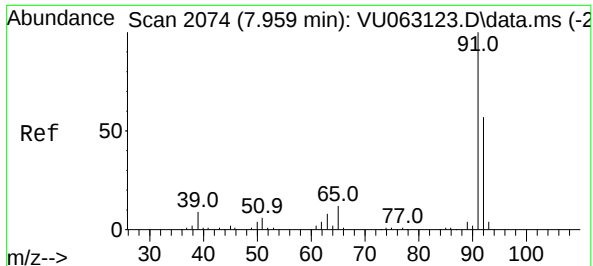
Tgt Ion: 63 Resp: 3218

Ion Ratio Lower Upper

63 100

112 0.0 2.6 4.0#





#42

Toluene

Concen: 0.097 ug/L

RT: 7.968 min Scan# 2074

Delta R.T. 0.010 min

Lab File: VU063138.D

Acq: 04 Feb 2025 23:05

Instrument :

MSVOA_U

ClientSampleId :

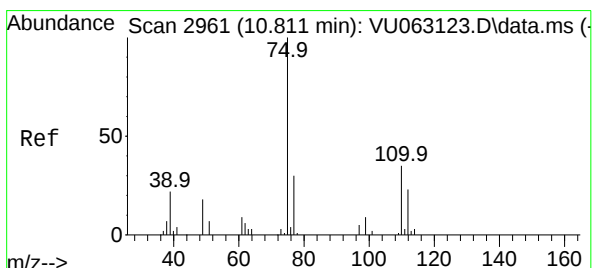
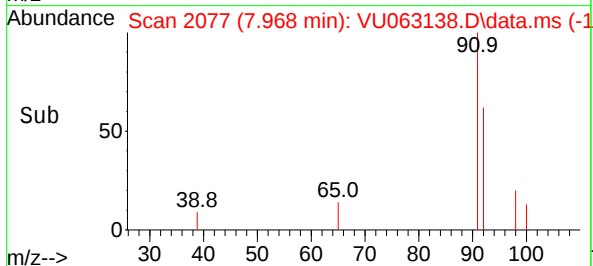
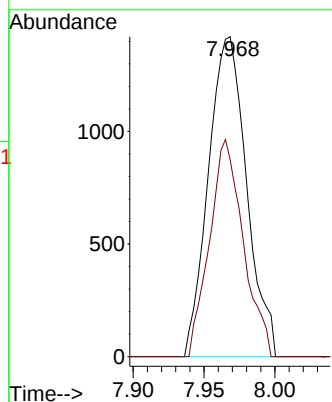
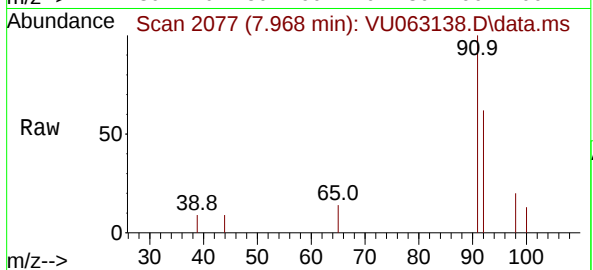
E2988

Tgt Ion: 91 Resp: 2664

Ion Ratio Lower Upper

91 100

92 61.6 39.5 73.4



#61

1,2,3-Trichloropropane

Concen: 1.015 ug/L

RT: 11.801 min Scan# 3269

Delta R.T. 0.990 min

Lab File: VU063138.D

Acq: 04 Feb 2025 23:05

Tgt Ion: 75 Resp: 4073

Ion Ratio Lower Upper

75 100

110 0.0 27.4 41.0#

77 30.5 26.3 39.5

