

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031122\
 Data File : VU047513.D
 Acq On : 11 Mar 2022 23:52
 Operator : SY/MD
 Sample : N1906-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNM3

Quant Time: Mar 14 01:42:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 12 03:24:52 2022
 Response via : Initial Calibration

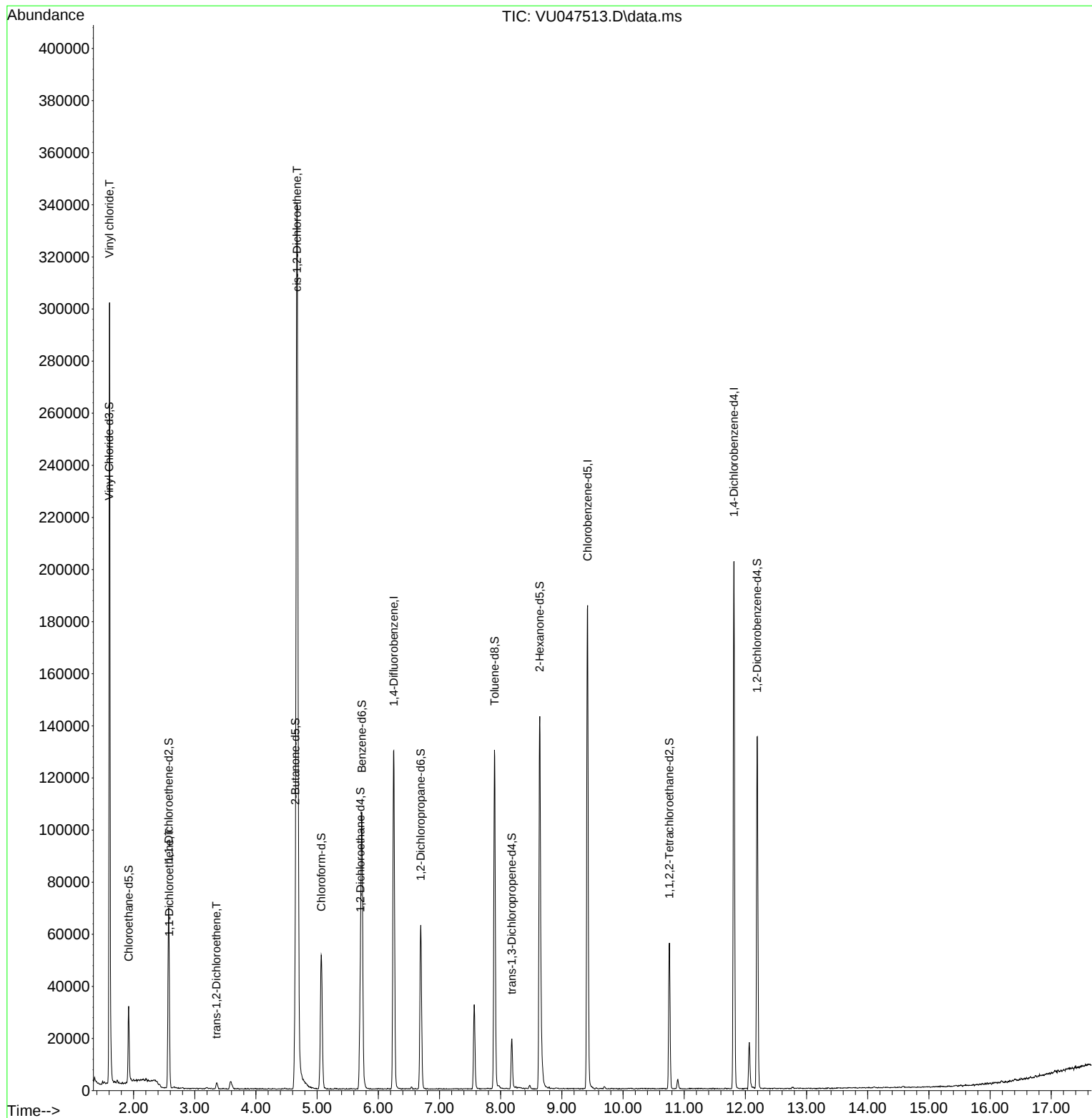
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	114172	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	109413	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	56482	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	28915	4.670	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.400%
7) Chloroethane-d5	1.919	69	22161	4.875	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	2.575	65	12488	4.566	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.400%
20) 2-Butanone-d5	4.645	46	65545	59.454	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.900%
24) Chloroform-d	5.070	84	49512	5.019	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	5.706	65	26572	5.319	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
32) Benzene-d6	5.732	84	101062	4.911	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	6.694	67	30382	4.990	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.899	98	90888	4.493	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	8.182	79	11369	4.398	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.639	63	56378	49.509	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.020%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	27881	5.255	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	39130	5.464	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.200%
Target Compounds						
5) Vinyl chloride	1.607	62	187789	22.365	ug/L	99
12) 1,1-Dichloroethene	2.584	96	1041	0.155	ug/L #	1
18) trans-1,2-Dichloroethene	3.356	96	1172	0.163	ug/L	79
22) cis-1,2-Dichloroethene	4.671	96	181682	22.846	ug/L	98

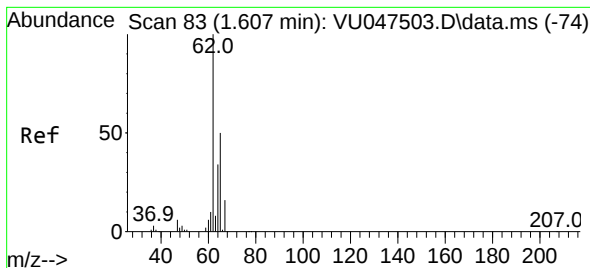
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 22.365 ug/L

RT: 1.607 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU047513.D

Acq: 11 Mar 2022 23:52

Instrument :

MSVOA_U

ClientSampleId :

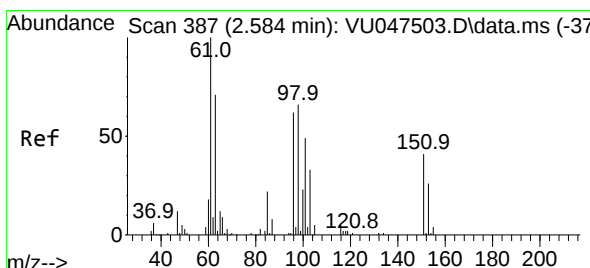
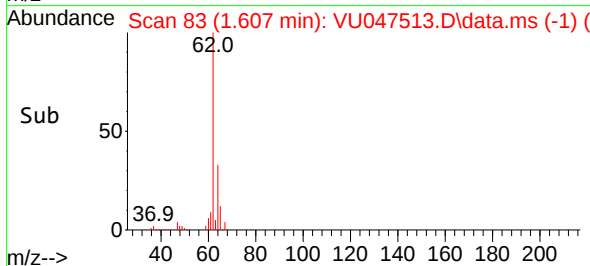
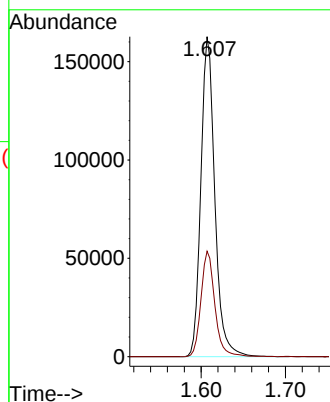
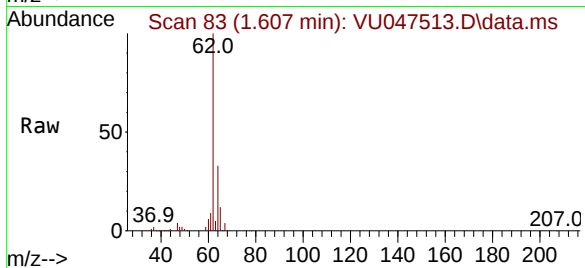
ETNM3

Tgt Ion: 62 Resp: 187789

Ion Ratio Lower Upper

62 100

64 33.0 23.7 43.9



#12

1,1-Dichloroethene

Concen: 0.155 ug/L

RT: 2.584 min Scan# 387

Delta R.T. 0.000 min

Lab File: VU047513.D

Acq: 11 Mar 2022 23:52

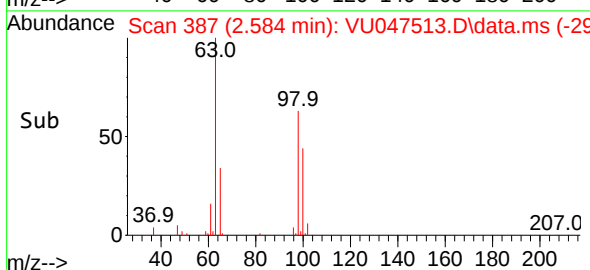
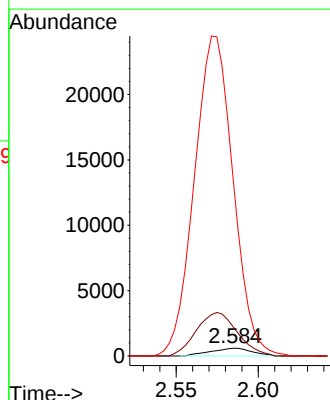
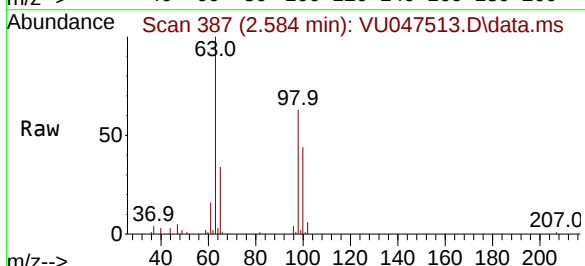
Tgt Ion: 96 Resp: 1041

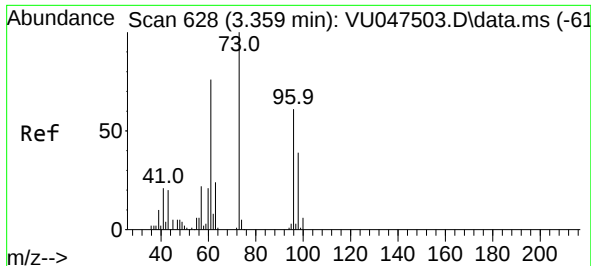
Ion Ratio Lower Upper

96 100

61 383.8 108.8 202.0#

63 2348.7 64.0 119.0#

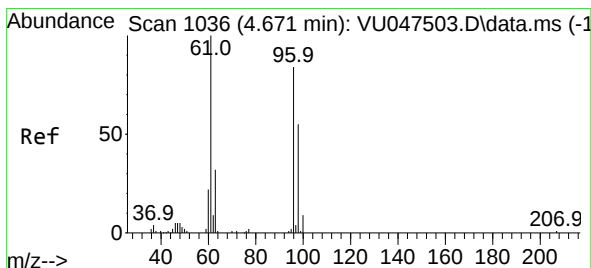
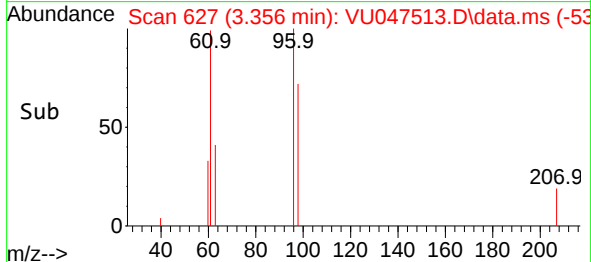
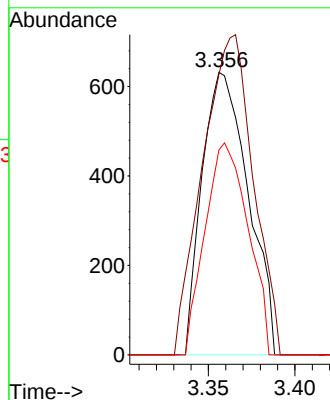
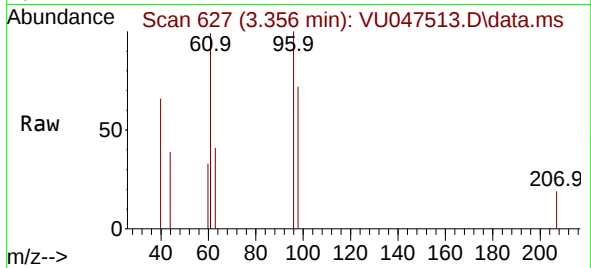




#18
trans-1,2-Dichloroethene
Concen: 0.163 ug/L
RT: 3.356 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU047513.D
Acq: 11 Mar 2022 23:52

Instrument :
MSVOA_U
ClientSampleId :
ETNM3

Tgt Ion: 96 Resp: 1172
Ion Ratio Lower Upper
96 100
61 99.2 90.4 167.8
98 72.5 45.0 83.6



#22
cis-1,2-Dichloroethene
Concen: 22.846 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU047513.D
Acq: 11 Mar 2022 23:52

Tgt Ion: 96 Resp: 181682
Ion Ratio Lower Upper
96 100
61 117.7 80.8 150.0
98 63.3 44.7 83.1

