

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021622\
 Data File : VU047181.D
 Acq On : 17 Feb 2022 01:16
 Operator : SY/MD
 Sample : N1559-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4M57

Quant Time: Feb 17 04:52:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 16 13:52:04 2022
 Response via : Initial Calibration

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

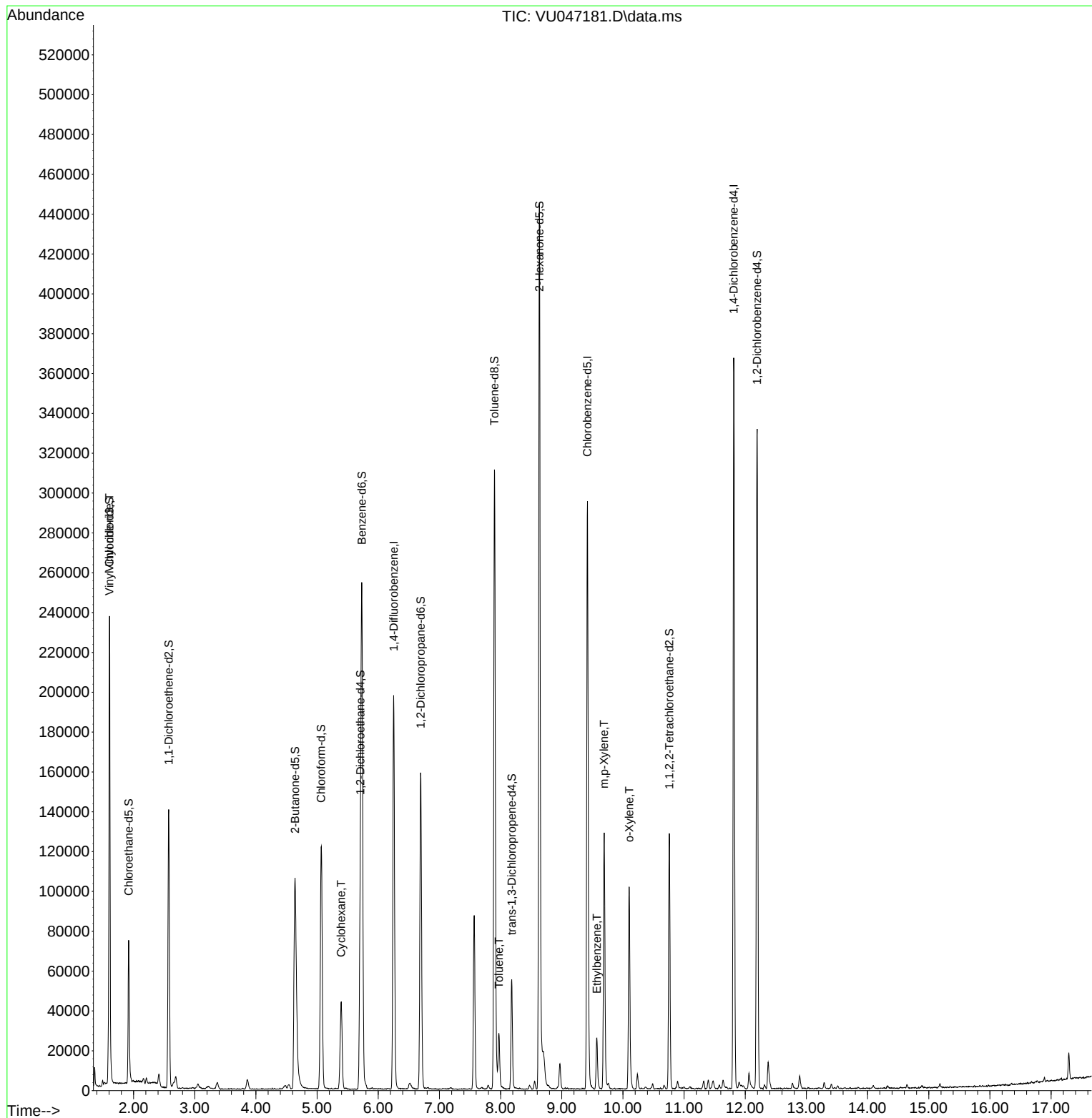
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	169620	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	173063	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	97601	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	66566	4.647	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.919	69	53993	4.756	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.575	65	26121	4.409	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	4.639	46	188510	55.054	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.100%
24) Chloroform-d	5.067	84	114099	4.795	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.706	65	63781	4.820	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.732	84	238410	4.931	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	6.694	67	76757	4.988	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.899	98	224830	4.753	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	8.182	79	30121	4.318	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.636	63	162163	44.155	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.320%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	63222	4.521	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	88831	5.073	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						
5) Vinyl chloride	1.607	62	106729	6.791	ug/L	98
30) Cyclohexane	5.395	56	22466	1.098	ug/L	98
42) Toluene	7.973	91	21071	0.385	ug/L	100
52) Ethylbenzene	9.574	91	20232	0.337	ug/L	99
53) m,p-Xylene	9.693	106	39209	1.665	ug/L	99
54) o-Xylene	10.102	106	29248	1.275	ug/L	96

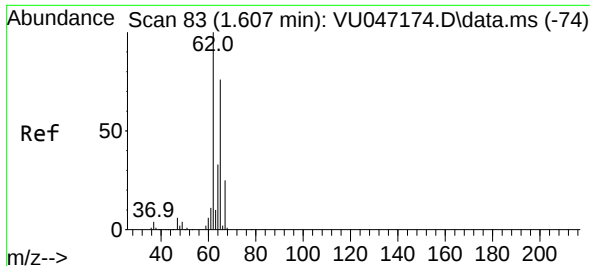
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Feb 16 13:52:04 2022
Response via : Initial Calibration

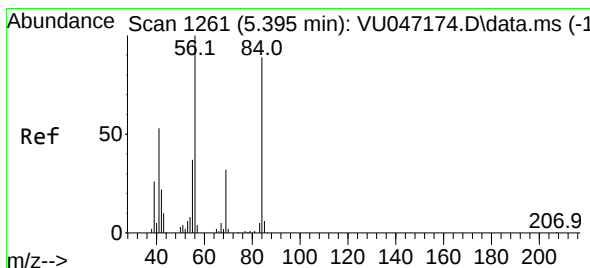
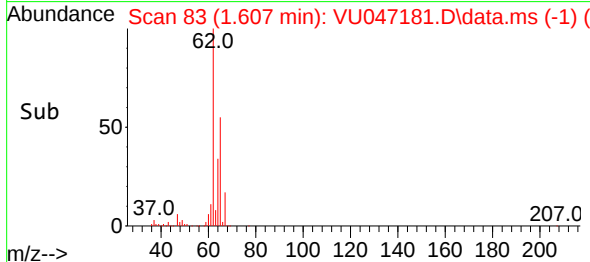
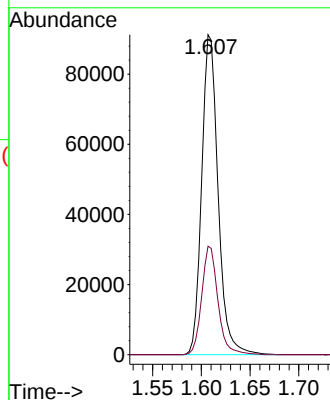
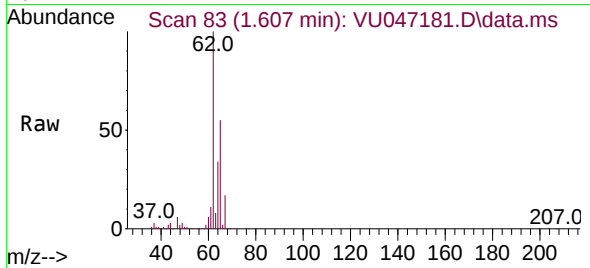




#5
 Vinyl chloride
 Concen: 6.791 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VU047181.D
 Acq: 17 Feb 2022 01:16

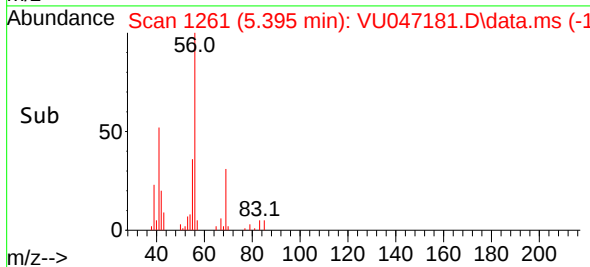
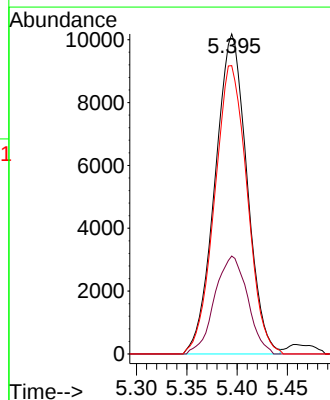
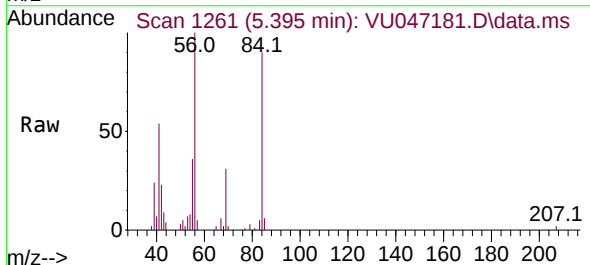
Instrument :
 MSVOA_U
 ClientSampleId :
 F4M57

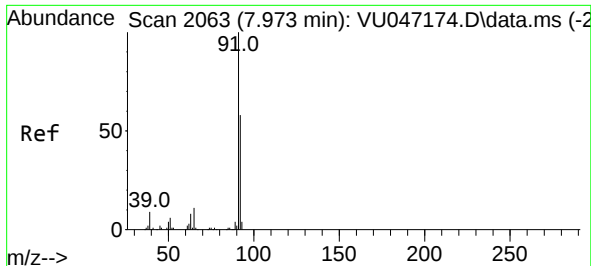
Tgt Ion: 62 Resp: 106729
 Ion Ratio Lower Upper
 62 100
 64 33.9 22.9 42.5



#30
 Cyclohexane
 Concen: 1.098 ug/L
 RT: 5.395 min Scan# 1261
 Delta R.T. -0.000 min
 Lab File: VU047181.D
 Acq: 17 Feb 2022 01:16

Tgt Ion: 56 Resp: 22466
 Ion Ratio Lower Upper
 56 100
 69 31.5 24.7 37.1
 84 91.7 71.8 107.6





#42

Toluene

Concen: 0.385 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VU047181.D

Acq: 17 Feb 2022 01:16

Instrument :

MSVOA_U

ClientSampleId :

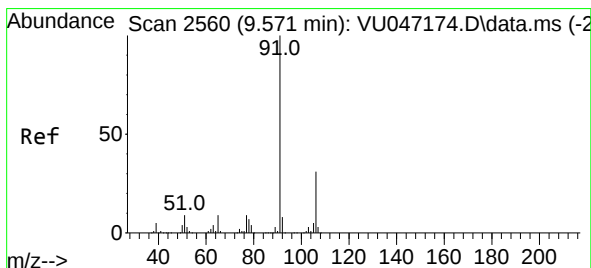
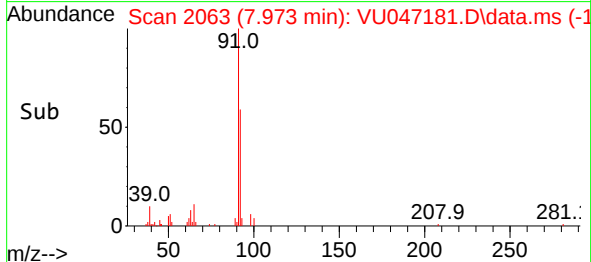
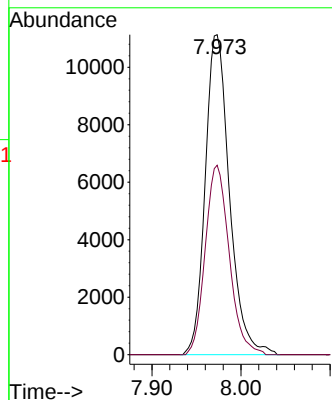
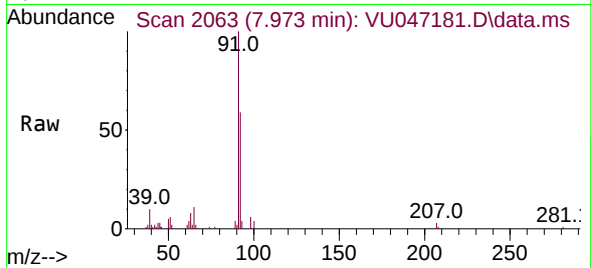
F4M57

Tgt Ion: 91 Resp: 21071

Ion Ratio Lower Upper

91 100

92 59.2 41.3 76.7



#52

Ethylbenzene

Concen: 0.337 ug/L

RT: 9.574 min Scan# 2561

Delta R.T. 0.003 min

Lab File: VU047181.D

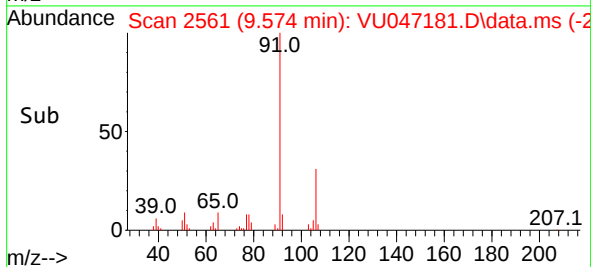
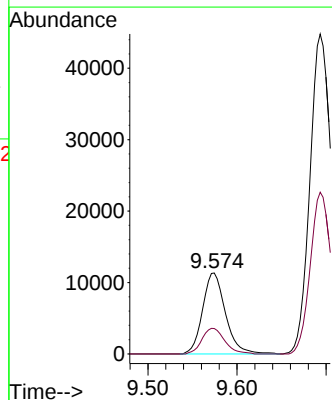
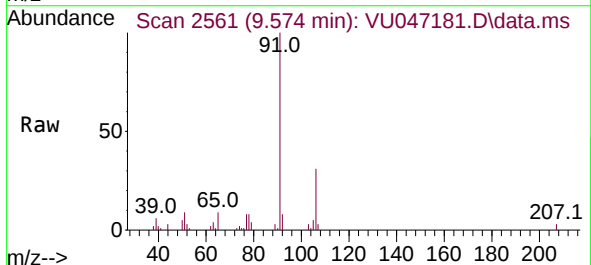
Acq: 17 Feb 2022 01:16

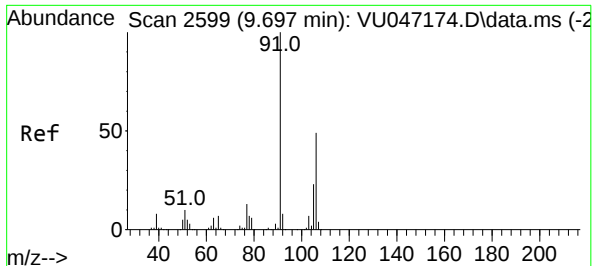
Tgt Ion: 91 Resp: 20232

Ion Ratio Lower Upper

91 100

106 31.4 21.5 39.9

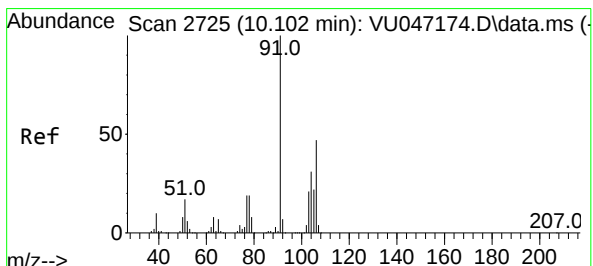
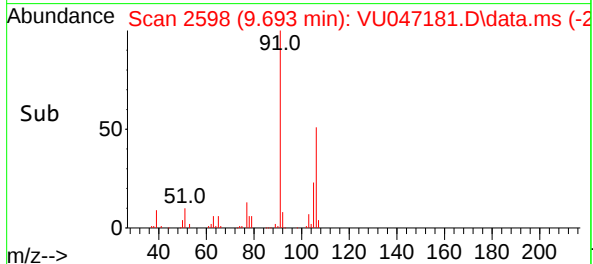
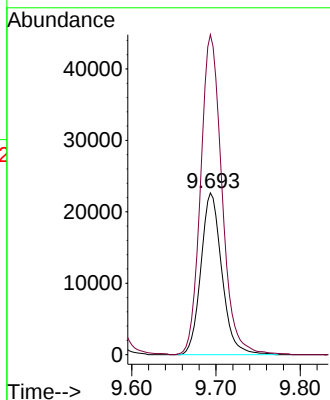
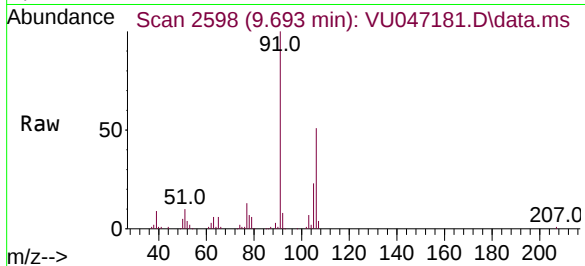




#53
m,p-Xylene
Concen: 1.665 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU047181.D
Acq: 17 Feb 2022 01:16

Instrument :
MSVOA_U
ClientSampleId :
F4M57

Tgt Ion:106 Resp: 39209
Ion Ratio Lower Upper
106 100
91 197.9 139.4 259.0



#54
o-Xylene
Concen: 1.275 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU047181.D
Acq: 17 Feb 2022 01:16

Tgt Ion:106 Resp: 29248
Ion Ratio Lower Upper
106 100
91 217.3 147.5 273.9

