

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
 Data File : VU045969.D
 Acq On : 23 Nov 2021 20:30
 Operator : SY/MD
 Sample : M4722-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0G49

Quant Time: Nov 24 00:34:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 24 00:27:16 2021
 Response via : Initial Calibration

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

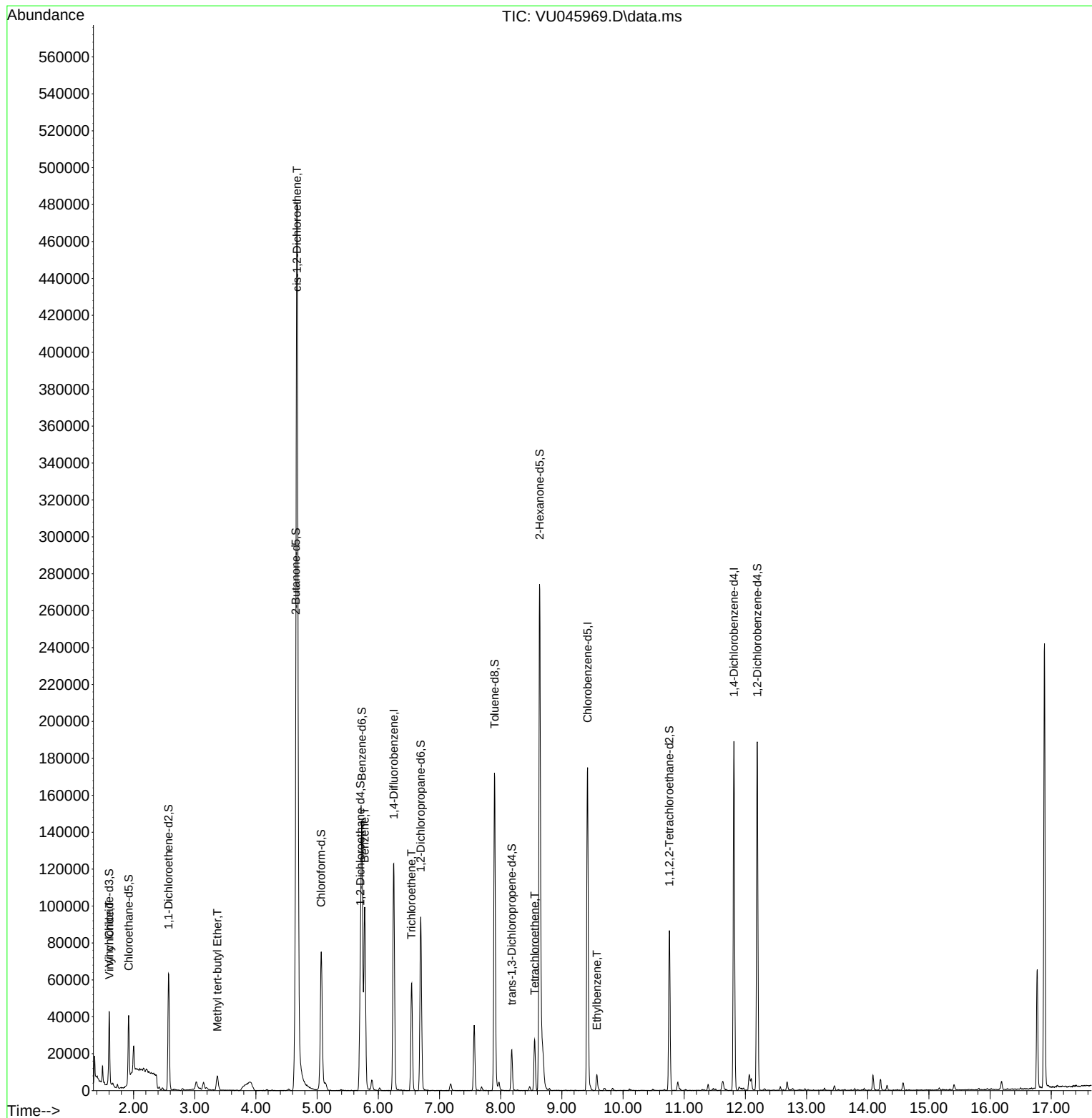
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	103580	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	101076	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	49463	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	17219	2.098	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	42.000%
7) Chloroethane-d5	1.919	69	25631	4.290	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.800%
11) 1,1-Dichloroethene-d2	2.572	65	12046	3.500	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.000%
20) 2-Butanone-d5	4.652	46	138384	62.924	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.840%
24) Chloroform-d	5.067	84	68424	5.005	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.706	65	40489	5.047	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.732	84	140063	5.032	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
36) 1,2-Dichloropropane-d6	6.694	67	45358	5.170	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.400%
41) Toluene-d8	7.899	98	120839	4.799	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	8.182	79	13177	3.700	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.000%
46) 2-Hexanone-d5	8.636	63	110352	68.846	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	137.700%#
56) 1,1,2,2-Tetrachloroeth...	10.758	84	43681	5.894	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	49329	5.808	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	1494	0.167	ug/L #	82
17) Methyl tert-butyl Ether	3.369	73	7579	0.454	ug/L #	89
22) cis-1,2-Dichloroethene	4.671	96	238583	32.016	ug/L	99
33) Benzene	5.777	78	96860	3.434	ug/L	100
34) Trichloroethene	6.542	95	19642	2.702	ug/L	98
47) Tetrachloroethene	8.555	164	6650	1.307	ug/L	91
52) Ethylbenzene	9.571	91	7062	0.232	ug/L	98

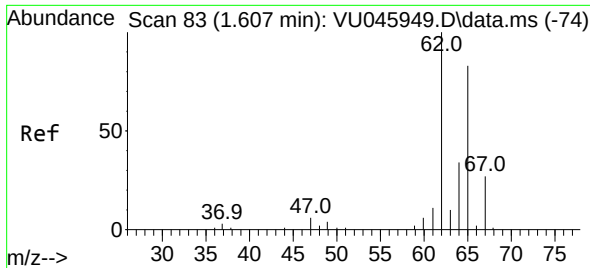
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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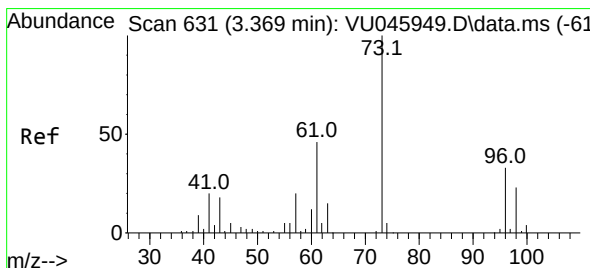
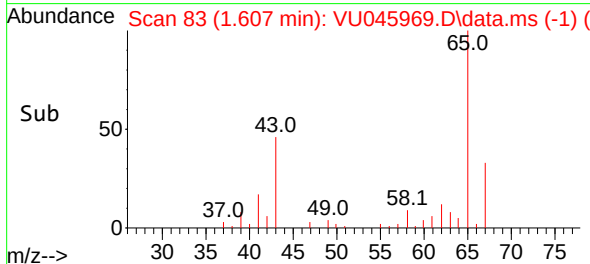
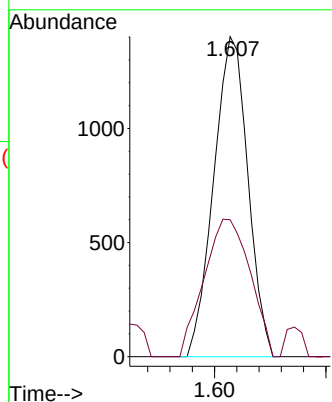
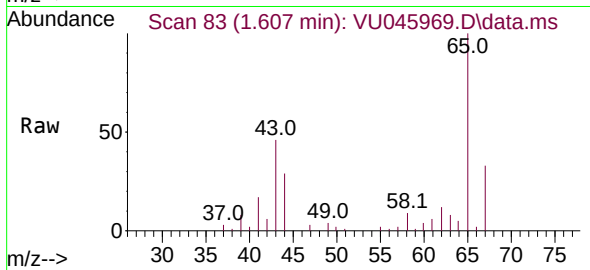




#5
 Vinyl chloride
 Concen: 0.167 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU045969.D
 Acq: 23 Nov 2021 20:30

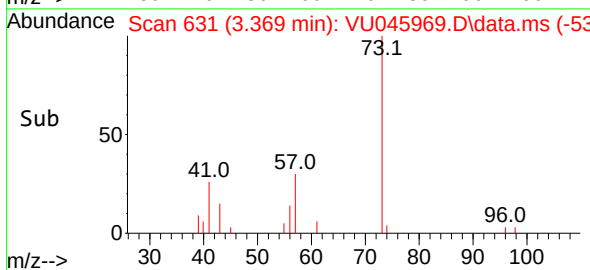
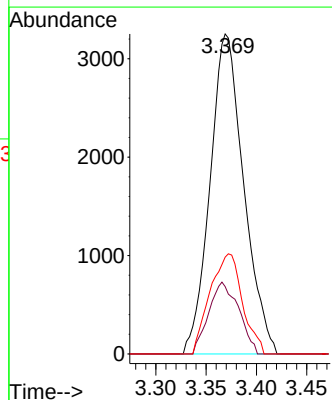
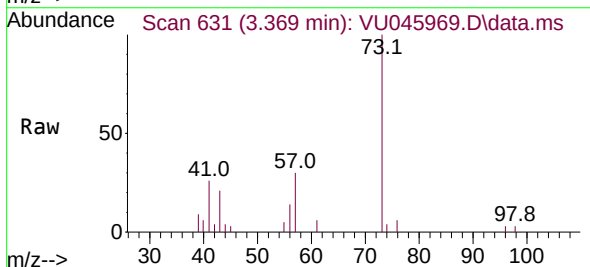
Instrument :
 MSVOA_U
 ClientSampleId :
 C0G49

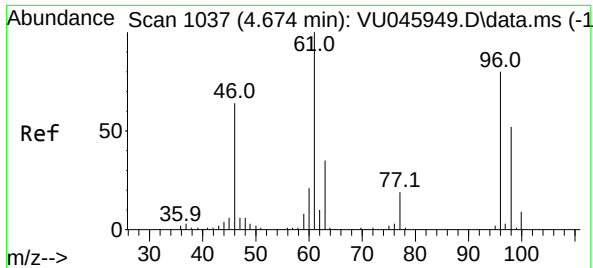
Tgt Ion: 62 Resp: 1494
 Ion Ratio Lower Upper
 62 100
 64 42.8 22.9 42.5#



#17
 Methyl tert-butyl Ether
 Concen: 0.454 ug/L
 RT: 3.369 min Scan# 631
 Delta R.T. 0.000 min
 Lab File: VU045969.D
 Acq: 23 Nov 2021 20:30

Tgt Ion: 73 Resp: 7579
 Ion Ratio Lower Upper
 73 100
 43 20.0 14.8 22.2
 57 30.1 17.4 26.0#

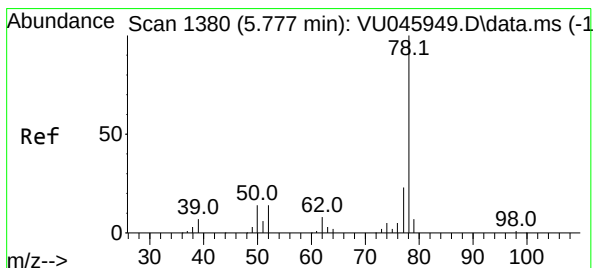
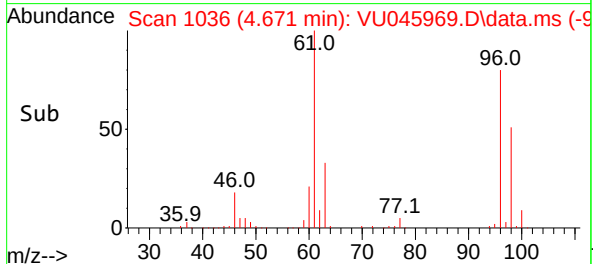
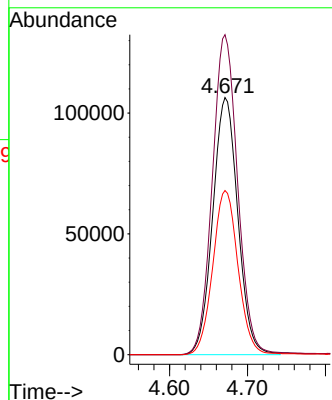
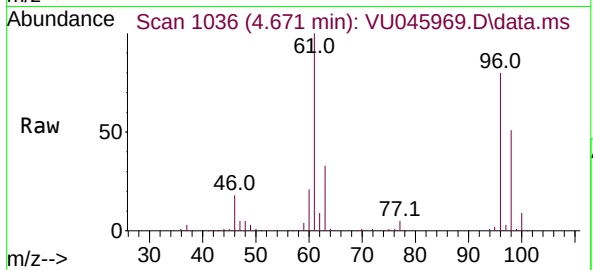




#22
 cis-1,2-Dichloroethene
 Concen: 32.016 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.003 min
 Lab File: VU045969.D
 Acq: 23 Nov 2021 20:30

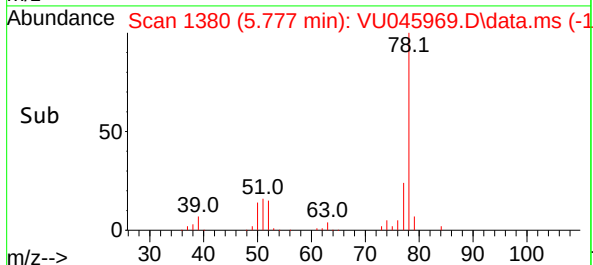
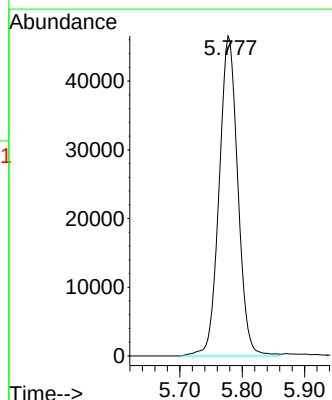
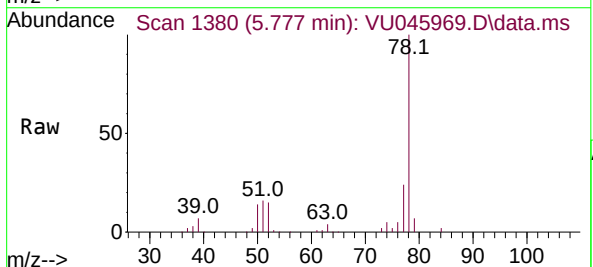
Instrument :
 MSVOA_U
 ClientSampleId :
 C0G49

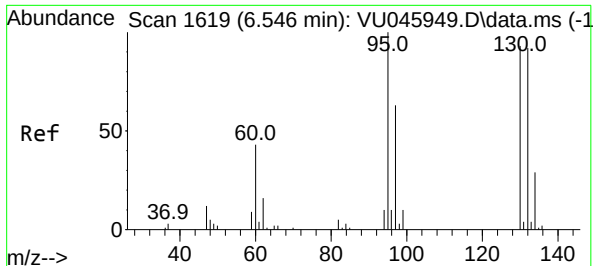
Tgt Ion: 96 Resp: 238583
 Ion Ratio Lower Upper
 96 100
 61 124.5 88.5 164.3
 98 63.9 44.4 82.5



#33
 Benzene
 Concen: 3.434 ug/L
 RT: 5.777 min Scan# 1380
 Delta R.T. 0.000 min
 Lab File: VU045969.D
 Acq: 23 Nov 2021 20:30

Tgt Ion: 78 Resp: 96860





#34

Trichloroethene

Concen: 2.702 ug/L

RT: 6.542 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU045969.D

Acq: 23 Nov 2021 20:30

Instrument :

MSVOA_U

ClientSampleId :

C0G49

Tgt Ion: 95 Resp: 19642

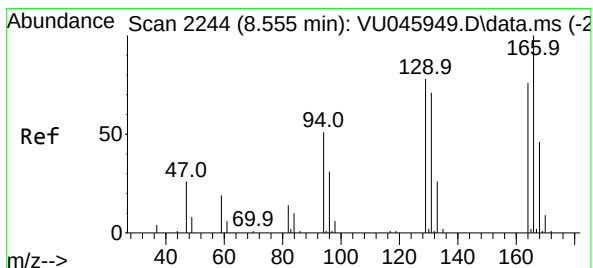
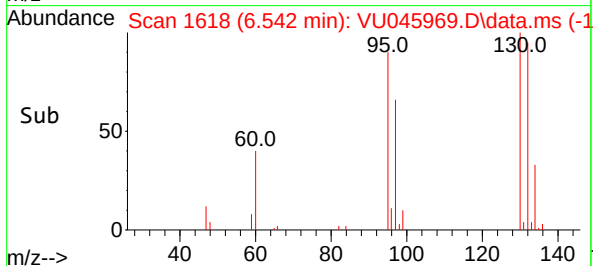
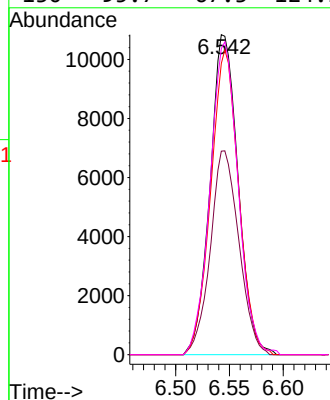
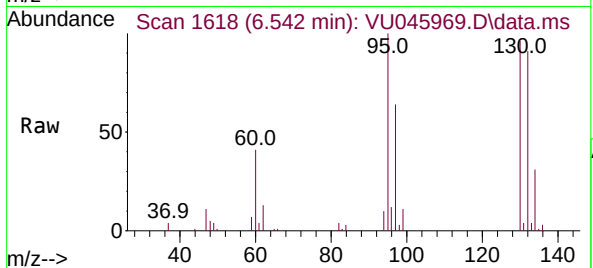
Ion Ratio Lower Upper

95 100

97 63.6 46.5 86.5

132 91.0 65.1 120.9

130 95.7 67.3 124.9



#47

Tetrachloroethene

Concen: 1.307 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU045969.D

Acq: 23 Nov 2021 20:30

Tgt Ion:164 Resp: 6650

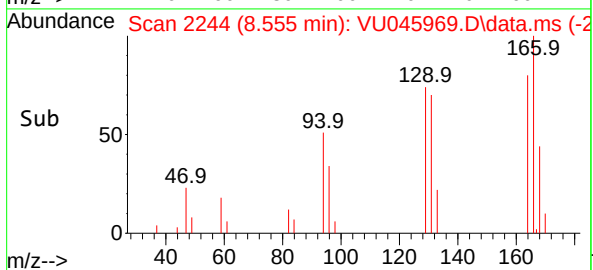
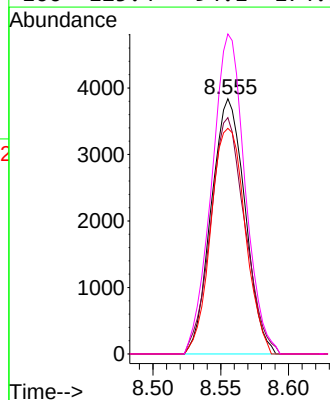
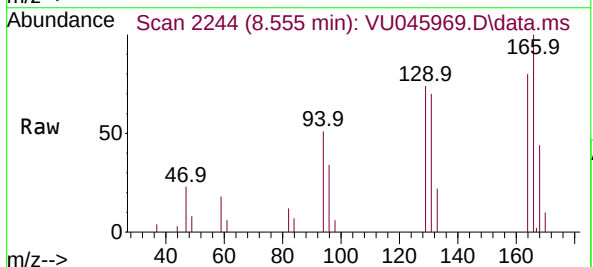
Ion Ratio Lower Upper

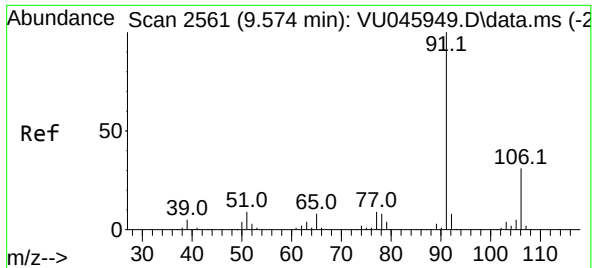
164 100

129 92.6 71.8 133.4

131 88.4 68.5 127.3

166 125.4 94.1 174.8





#52
 Ethylbenzene
 Concen: 0.232 ug/L
 RT: 9.571 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU045969.D
 Acq: 23 Nov 2021 20:30

Instrument :
 MSVOA_U
 ClientSampleId :
 C0G49

Tgt Ion: 91 Resp: 7062
 Ion Ratio Lower Upper
 91 100
 106 29.5 21.5 39.9

