

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
 Data File : VU052540.D
 Acq On : 23 Dec 2022 16:21
 Operator : JC/MD
 Sample : N6188-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COL47

Quant Time: Dec 24 03:57:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 24 03:53:16 2022
 Response via : Initial Calibration

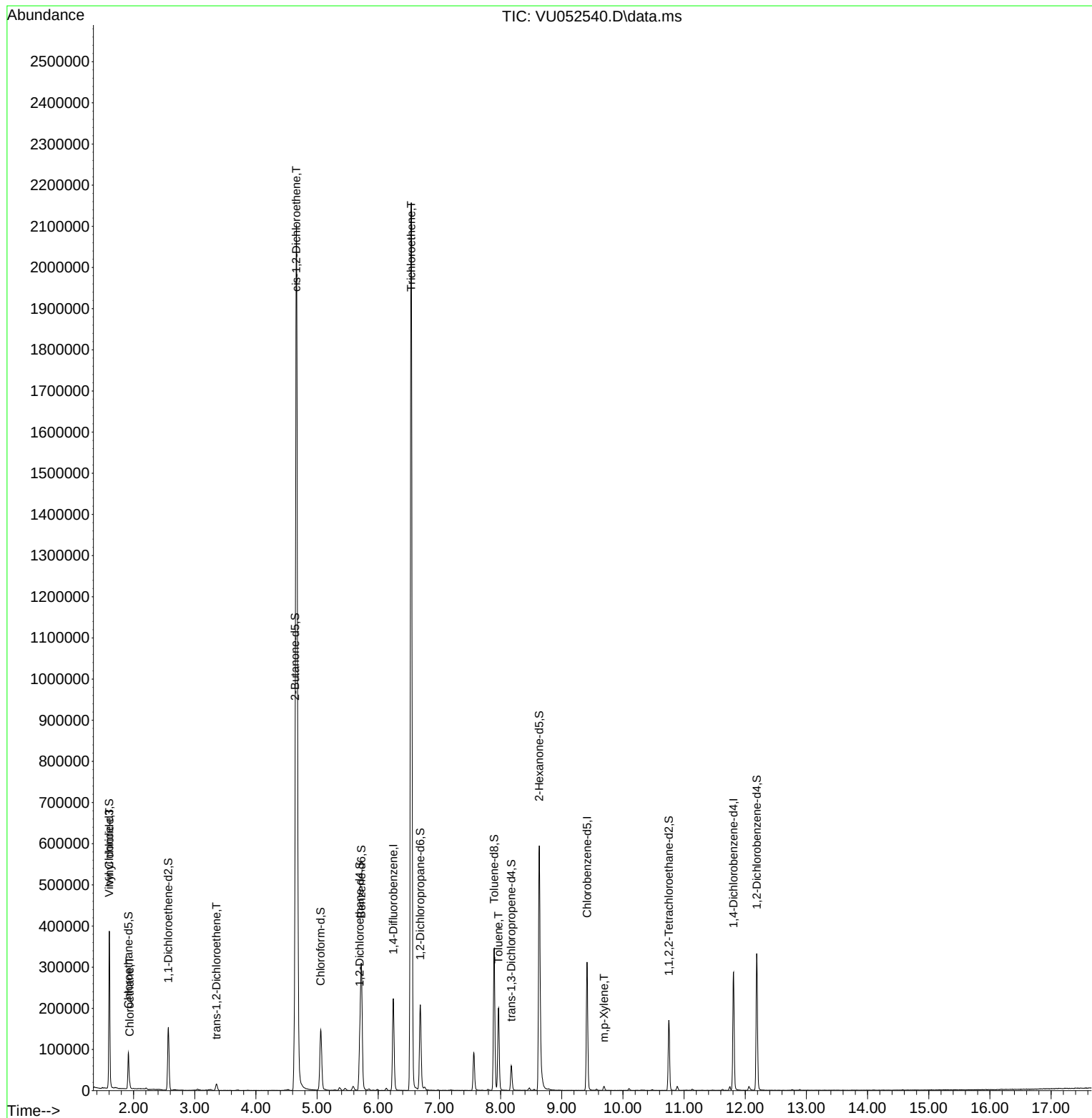
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	172510	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	164301	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	72992	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	66749	3.819	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	76.400%	
7) Chloroethane-d5	1.916	69	64221	4.261	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.200%	
11) 1,1-Dichloroethene-d2	2.568	65	29834	3.967	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	79.400%	
20) 2-Butanone-d5	4.642	46	316690	58.433	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	116.860%	
24) Chloroform-d	5.060	84	138196	4.687	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.800%	
26) 1,2-Dichloroethane-d4	5.697	65	84373	4.933	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.600%	
32) Benzene-d6	5.723	84	279868	4.968	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.400%	
36) 1,2-Dichloropropane-d6	6.687	67	100811	5.199	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	104.000%	
41) Toluene-d8	7.896	98	222063	4.696	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.000%	
43) trans-1,3-Dichloroprop...	8.176	79	34096	5.135	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	102.800%	
46) 2-Hexanone-d5	8.632	63	211825	58.310	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	116.620%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	86297	5.242	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.800%	
66) 1,2-Dichlorobenzene-d4	12.189	152	84087	5.658	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	113.200%	
Target Compounds						
5) Vinyl chloride	1.604	62	213023	10.606	ug/L	95
8) Chloroethane	1.935	64	6908	0.502	ug/L	87
18) trans-1,2-Dichloroethene	3.356	96	5855	0.440	ug/L	97
22) cis-1,2-Dichloroethene	4.662	96	999737	68.415	ug/L	96
34) Trichloroethene	6.539	95	742886	53.697	ug/L	99
42) Toluene	7.967	91	143941	2.537	ug/L	100
53) m,p-Xylene	9.693	106	3031	0.140	ug/L	73

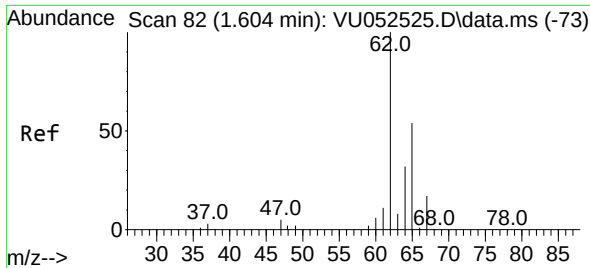
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Dec 24 03:53:16 2022
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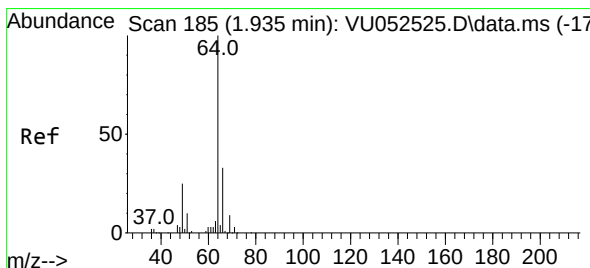
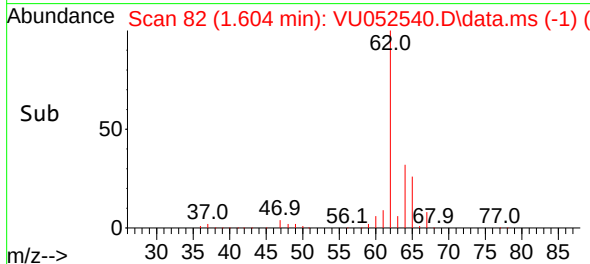
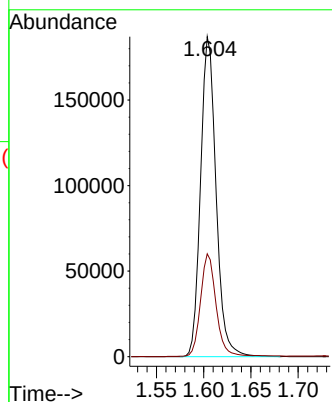
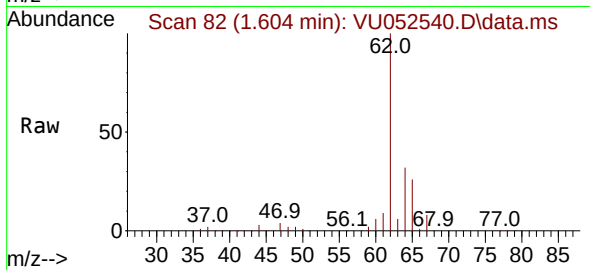




#5
 Vinyl chloride
 Concen: 10.606 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU052540.D
 Acq: 23 Dec 2022 16:21

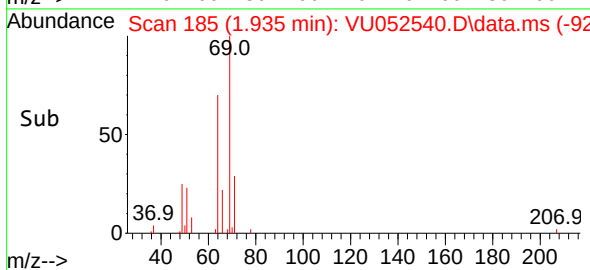
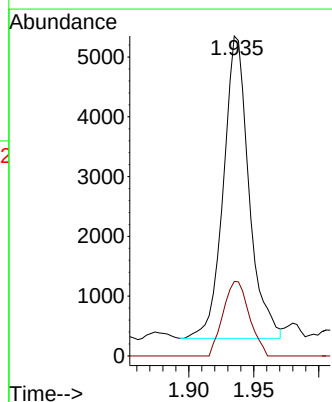
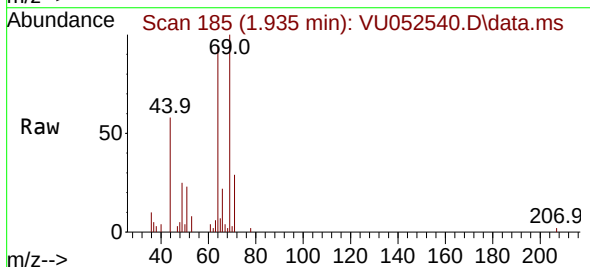
Instrument :
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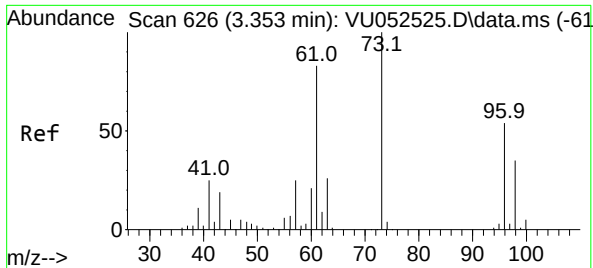
Tgt Ion: 62 Resp: 213023
 Ion Ratio Lower Upper
 62 100
 64 32.1 24.4 45.4



#8
 Chloroethane
 Concen: 0.502 ug/L
 RT: 1.935 min Scan# 185
 Delta R.T. -0.000 min
 Lab File: VU052540.D
 Acq: 23 Dec 2022 16:21

Tgt Ion: 64 Resp: 6908
 Ion Ratio Lower Upper
 64 100
 66 23.3 21.3 39.5

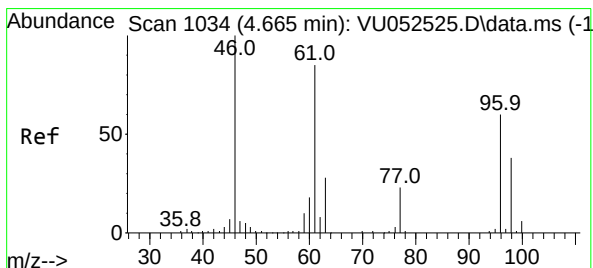
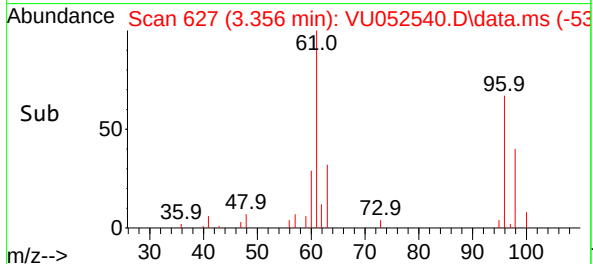
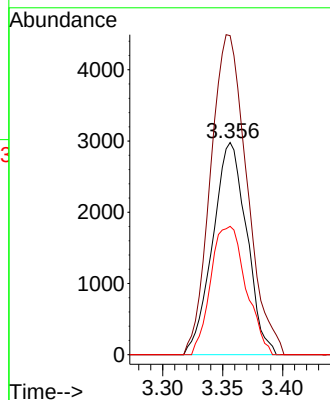
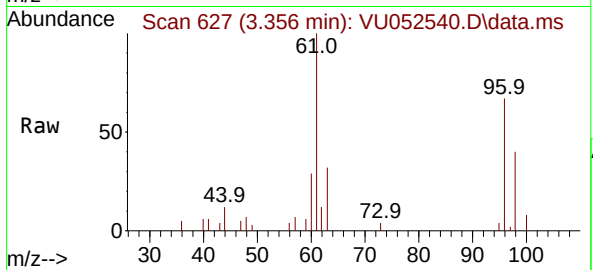




#18
trans-1,2-Dichloroethene
Concen: 0.440 ug/L
RT: 3.356 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU052540.D
Acq: 23 Dec 2022 16:21

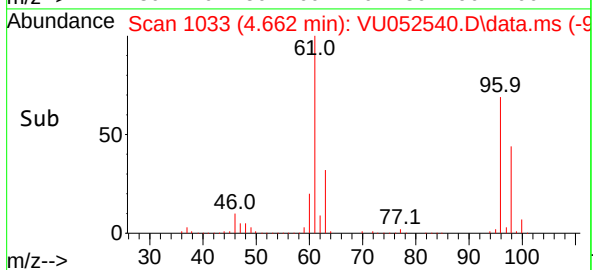
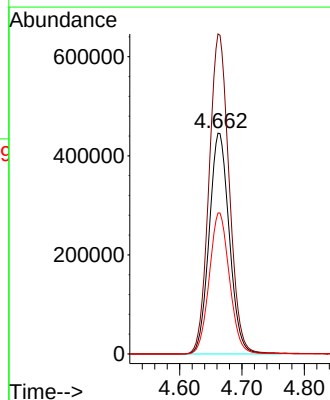
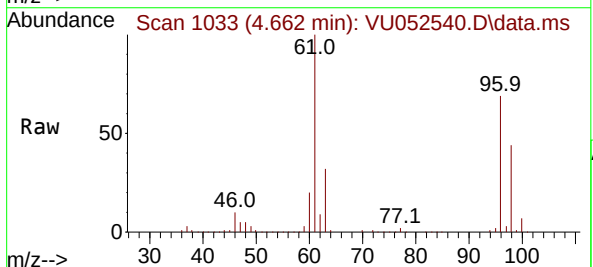
Instrument :
MSVOA_U
ClientSampleId :
COL47

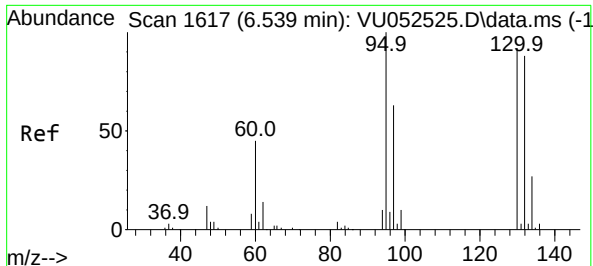
Tgt Ion: 96 Resp: 5855
Ion Ratio Lower Upper
96 100
61 150.4 108.3 201.1
98 60.5 44.0 81.6



#22
cis-1,2-Dichloroethene
Concen: 68.415 ug/L
RT: 4.662 min Scan# 1033
Delta R.T. -0.003 min
Lab File: VU052540.D
Acq: 23 Dec 2022 16:21

Tgt Ion: 96 Resp: 999737
Ion Ratio Lower Upper
96 100
61 144.9 96.9 180.1
98 63.8 44.7 83.1

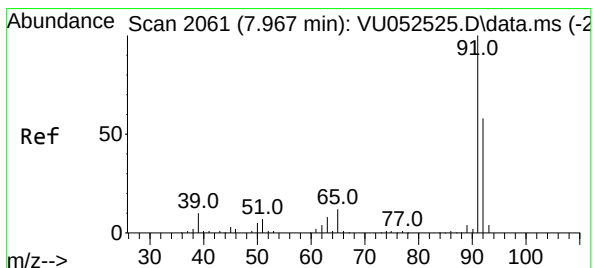
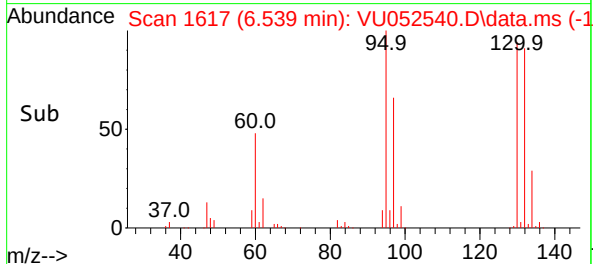
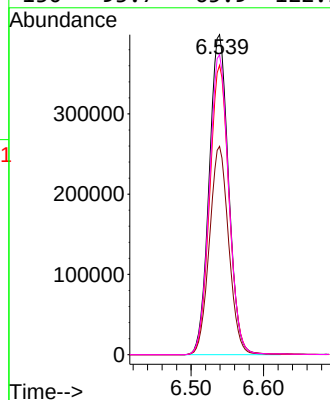
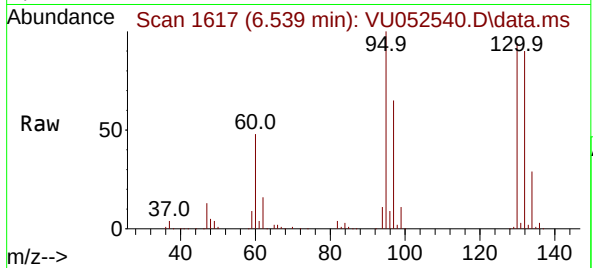




#34
Trichloroethene
Concen: 53.697 ug/L
RT: 6.539 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU052540.D
Acq: 23 Dec 2022 16:21

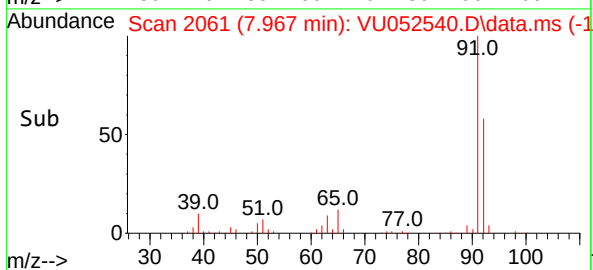
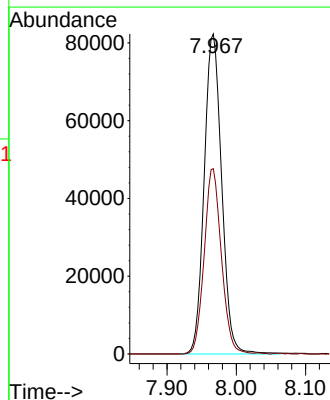
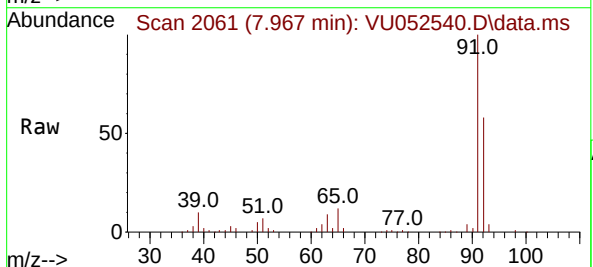
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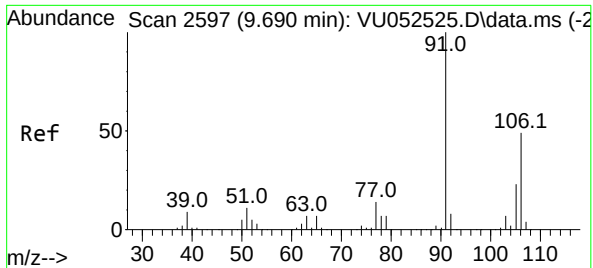
Tgt Ion: 95 Resp: 742886
Ion Ratio Lower Upper
95 100
97 65.1 46.3 86.1
132 90.5 63.9 118.7
130 93.7 65.9 122.5



#42
Toluene
Concen: 2.537 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VU052540.D
Acq: 23 Dec 2022 16:21

Tgt Ion: 91 Resp: 143941
Ion Ratio Lower Upper
91 100
92 57.9 40.6 75.4





#53
 m,p-Xylene
 Concen: 0.140 ug/L
 RT: 9.693 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU052540.D
 Acq: 23 Dec 2022 16:21

Instrument :
 MSVOA_U
 ClientSampleId :
 COL47

Tgt Ion:106 Resp: 3031
 Ion Ratio Lower Upper
 106 100
 91 168.9 148.2 275.2

