

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
 Data File : VU052548.D
 Acq On : 23 Dec 2022 19:29
 Operator : JC/MD
 Sample : N6169-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQA0

Quant Time: Dec 24 03:59:16 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)

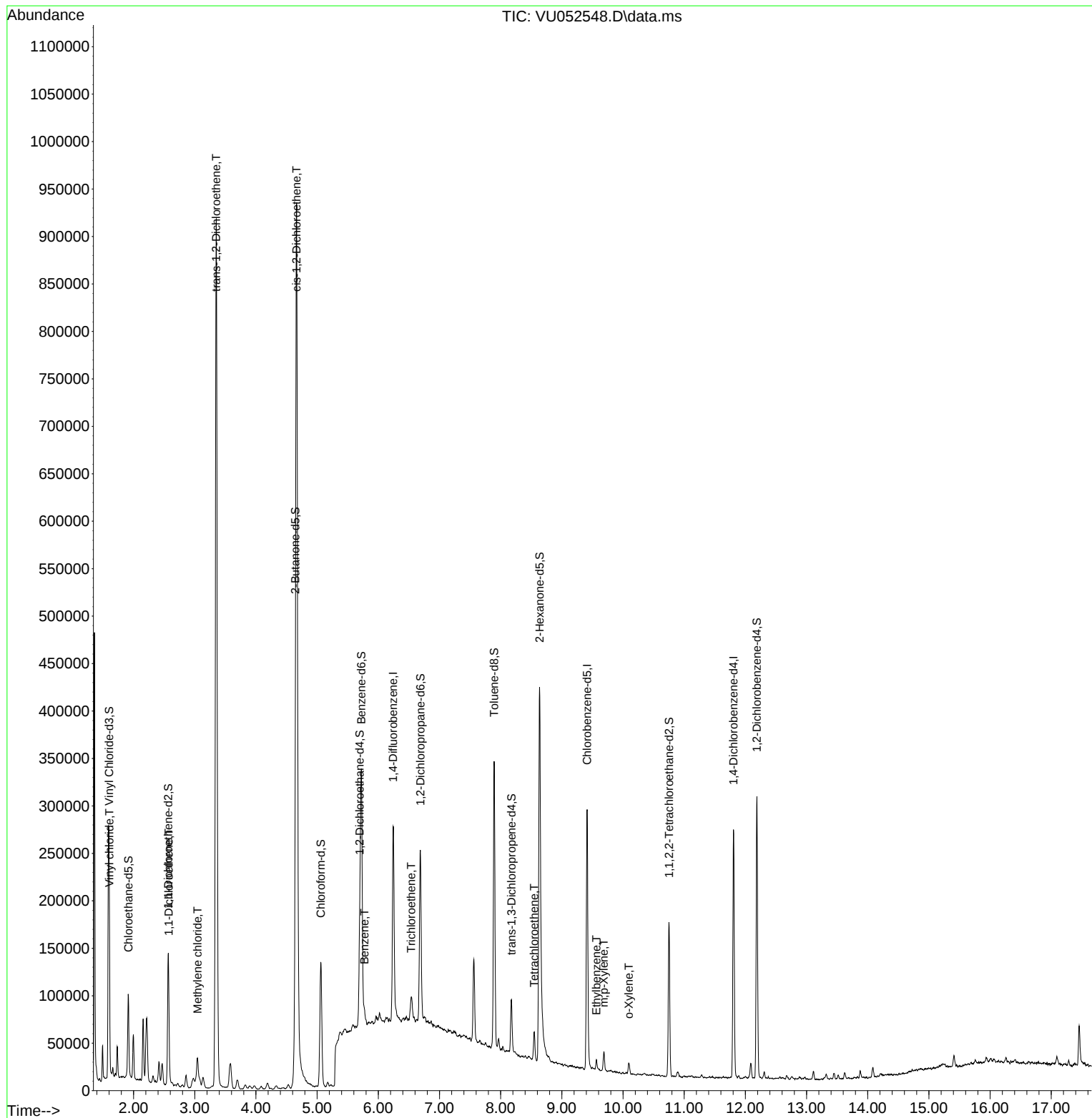
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	159887	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	147558	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	66831	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	58901	3.636	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.800%
7) Chloroethane-d5	1.916	69	57557	4.120	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.568	65	26643	3.822	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.400%
20) 2-Butanone-d5	4.645	46	227790	45.348	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.700%
24) Chloroform-d	5.060	84	122603	4.486	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.697	65	75600	4.769	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.723	84	247122	4.885	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.687	67	89727	5.152	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.893	98	196364	4.624	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	8.176	79	33234	5.573	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.400%
46) 2-Hexanone-d5	8.636	63	170035	52.117	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.240%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	84237	5.697	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	72831	5.353	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	2516	0.135	ug/L #	80
12) 1,1-Dichloroethene	2.575	96	2008	0.168	ug/L #	1
16) Methylene chloride	3.044	84	10973	0.649	ug/L	95
18) trans-1,2-Dichloroethene	3.350	96	369410	29.934	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	447755	33.060	ug/L	98
33) Benzene	5.774	78	14062	0.265	ug/L	100
34) Trichloroethene	6.536	95	7160	0.576	ug/L	93
47) Tetrachloroethene	8.549	164	6233	0.719	ug/L	97
52) Ethylbenzene	9.565	91	6959	0.132	ug/L	94
53) m,p-Xylene	9.687	106	4684	0.241	ug/L	92
54) o-Xylene	10.095	106	2875	0.154	ug/L	98

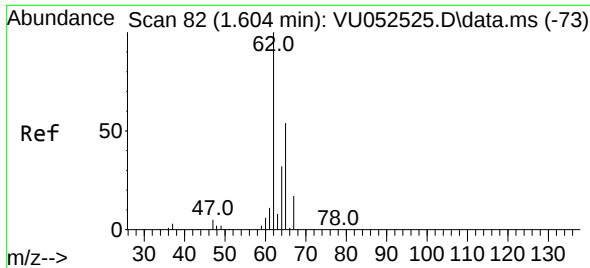
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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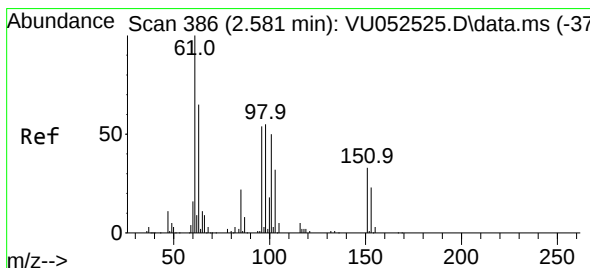
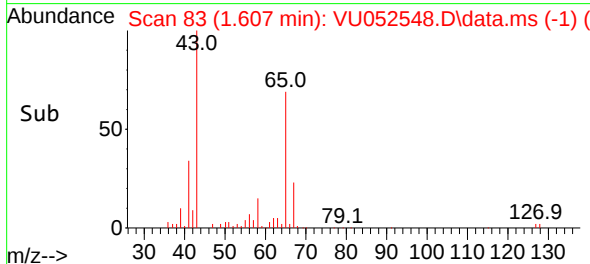
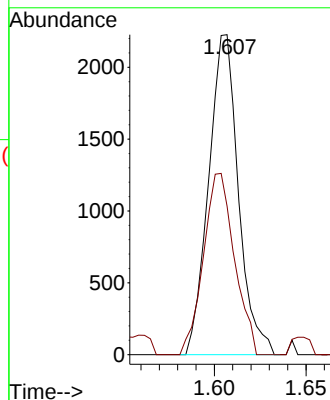
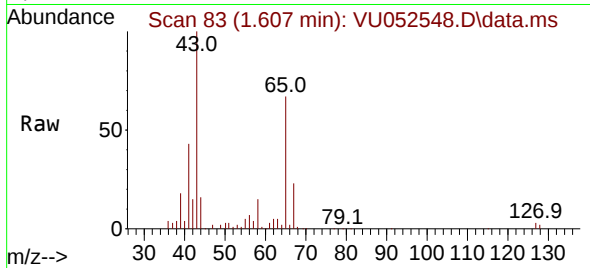




#5
 Vinyl chloride
 Concen: 0.135 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU052548.D
 Acq: 23 Dec 2022 19:29

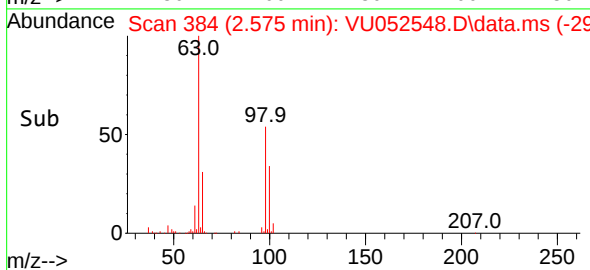
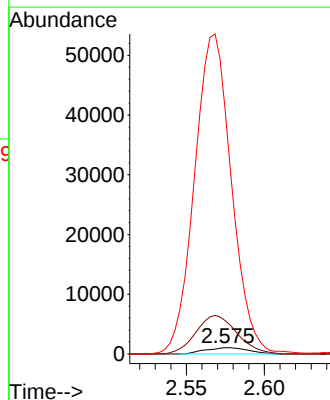
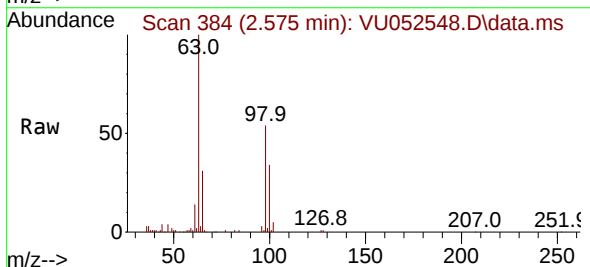
Instrument :
 MSVOA_U
 ClientSampleId :
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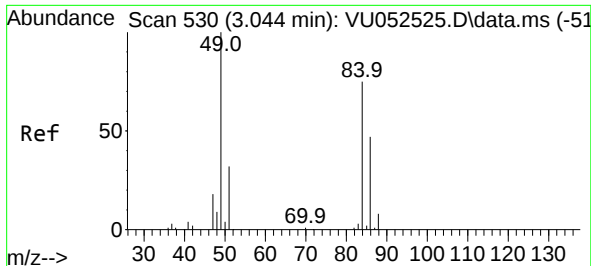
Tgt Ion: 62 Resp: 2516
 Ion Ratio Lower Upper
 62 100
 64 46.4 24.4 45.4#



#12
 1,1-Dichloroethene
 Concen: 0.168 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.007 min
 Lab File: VU052548.D
 Acq: 23 Dec 2022 19:29

Tgt Ion: 96 Resp: 2008
 Ion Ratio Lower Upper
 96 100
 61 531.0 135.4 251.4#
 63 3900.6 95.4 177.2#

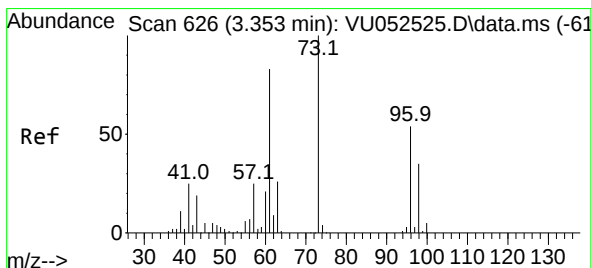
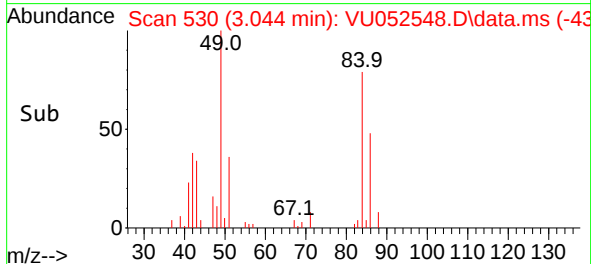
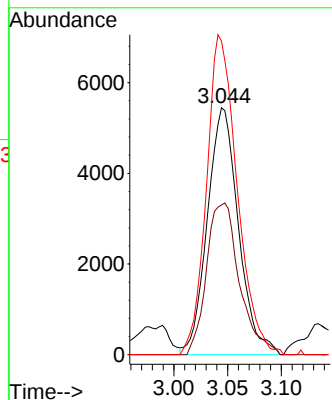
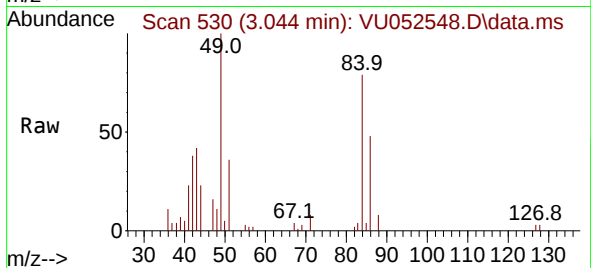




#16
Methylene chloride
Concen: 0.649 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU052548.D
Acq: 23 Dec 2022 19:29

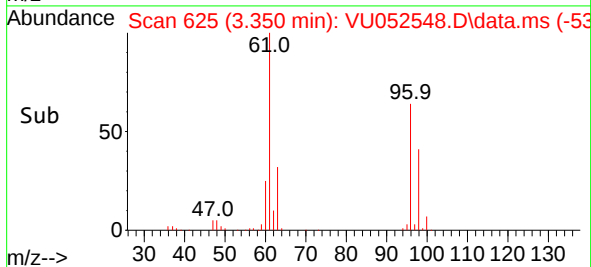
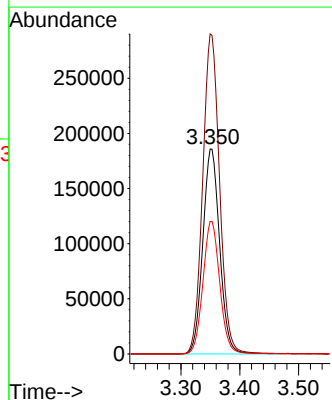
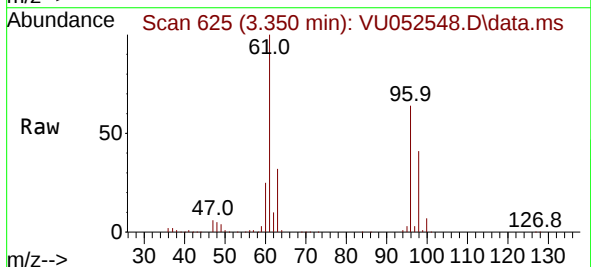
Instrument :
MSVOA_U
ClientSampleId :
GBQA0

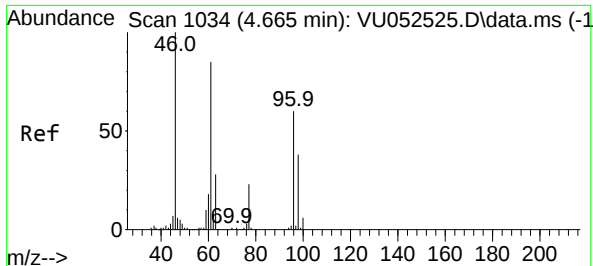
Tgt Ion: 84 Resp: 10973
Ion Ratio Lower Upper
84 100
86 60.6 44.7 83.1
49 127.0 93.3 173.3



#18
trans-1,2-Dichloroethene
Concen: 29.934 ug/L
RT: 3.350 min Scan# 625
Delta R.T. -0.003 min
Lab File: VU052548.D
Acq: 23 Dec 2022 19:29

Tgt Ion: 96 Resp: 369410
Ion Ratio Lower Upper
96 100
61 156.1 108.3 201.1
98 64.7 44.0 81.6

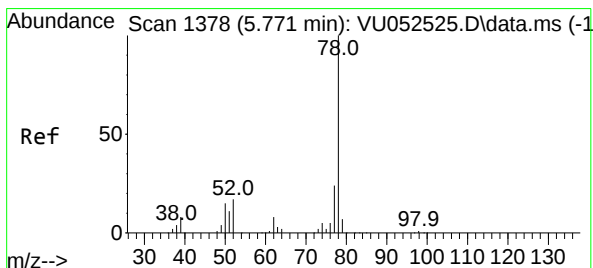
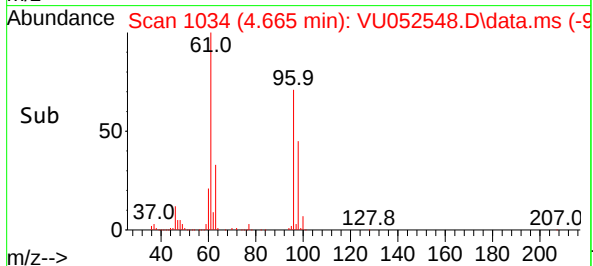
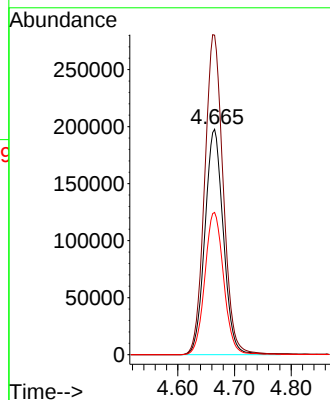
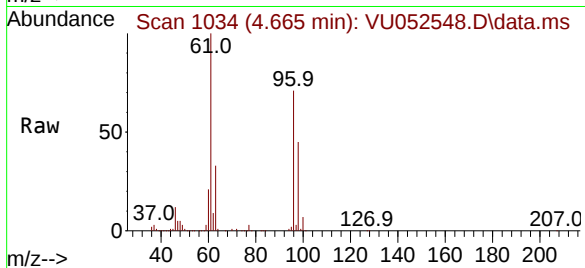




#22
cis-1,2-Dichloroethene
Concen: 33.060 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU052548.D
Acq: 23 Dec 2022 19:29

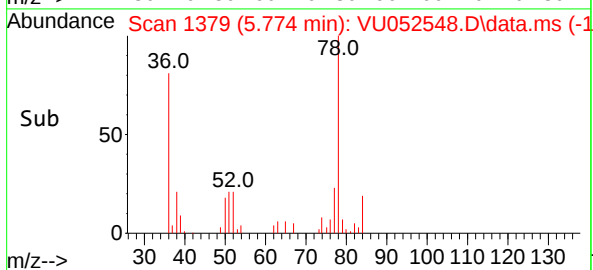
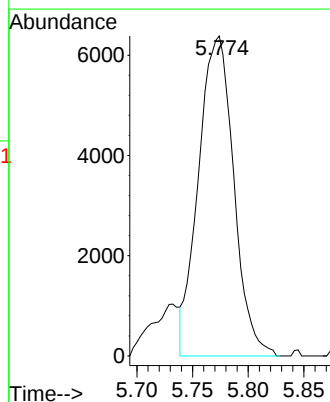
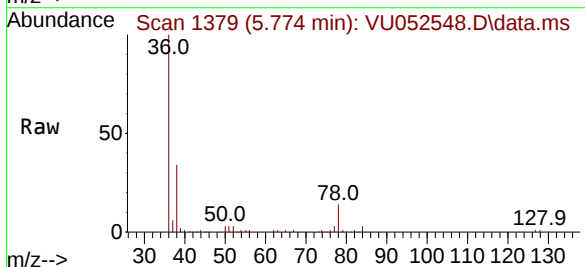
Instrument :
MSVOA_U
ClientSampleId :
GBQA0

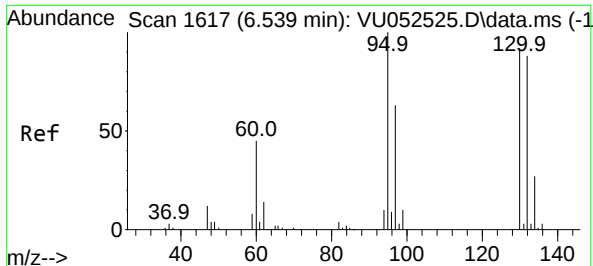
Tgt Ion: 96 Resp: 447755
Ion Ratio Lower Upper
96 100
61 141.8 96.9 180.1
98 63.1 44.7 83.1



#33
Benzene
Concen: 0.265 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU052548.D
Acq: 23 Dec 2022 19:29

Tgt Ion: 78 Resp: 14062

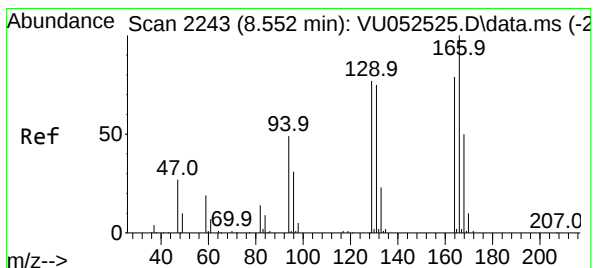
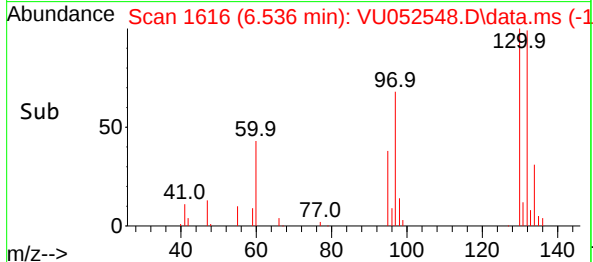
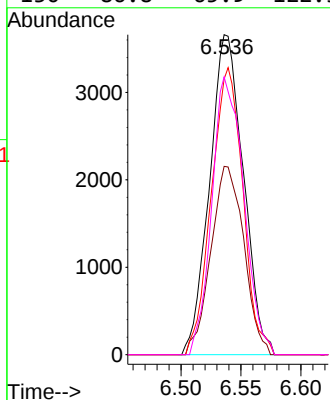
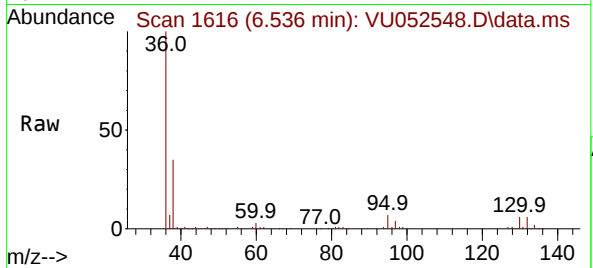




#34
Trichloroethene
Concen: 0.576 ug/L
RT: 6.536 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU052548.D
Acq: 23 Dec 2022 19:29

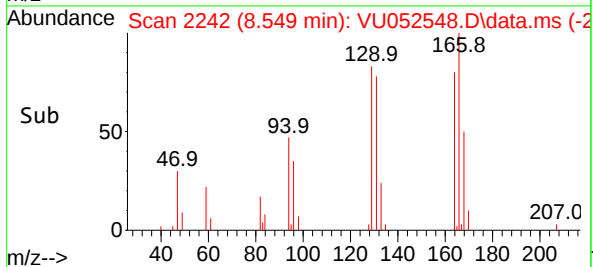
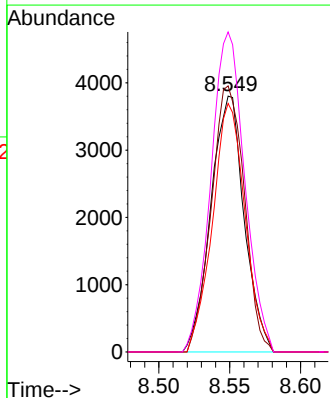
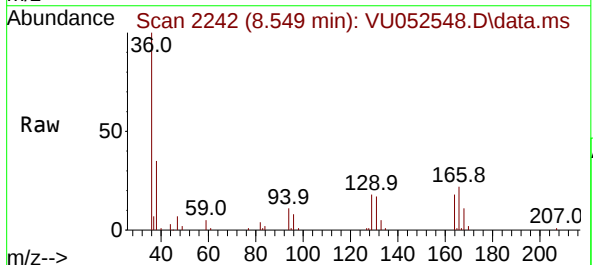
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ClientSampleId :
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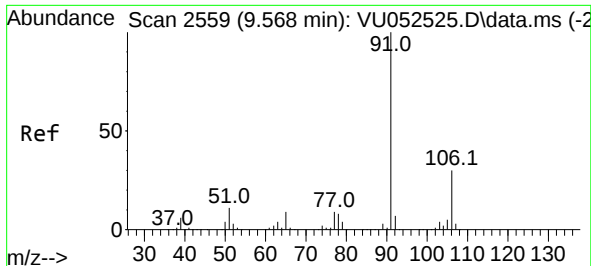
Tgt Ion:	95	Resp:	7160
Ion	Ratio	Lower	Upper
95	100		
97	58.9	46.3	86.1
132	86.2	63.9	118.7
130	86.8	65.9	122.5



#47
Tetrachloroethene
Concen: 0.719 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VU052548.D
Acq: 23 Dec 2022 19:29

Tgt Ion:	164	Resp:	6233
Ion	Ratio	Lower	Upper
164	100		
129	104.0	68.1	126.5
131	97.1	66.5	123.5
166	125.1	87.9	163.3

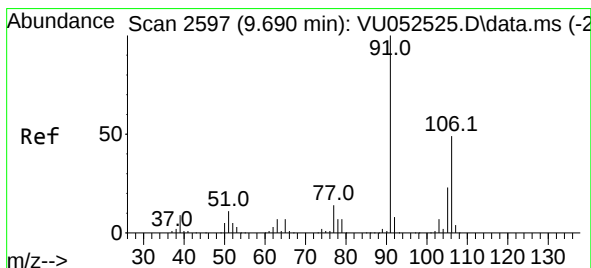
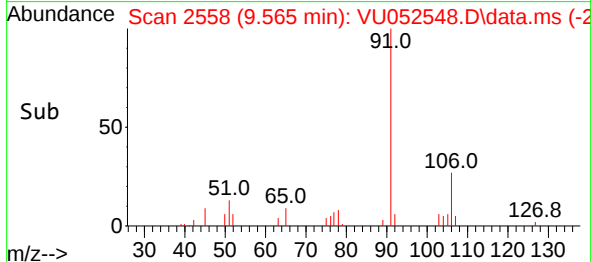
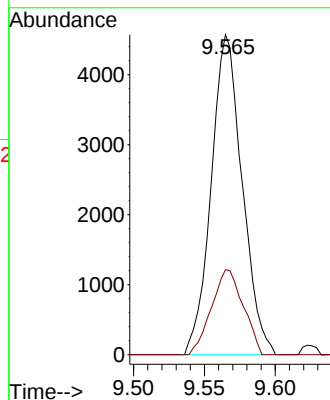
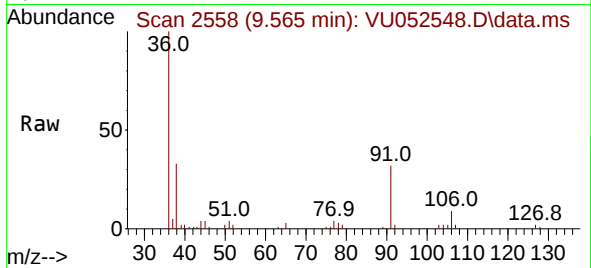




#52
Ethylbenzene
Concen: 0.132 ug/L
RT: 9.565 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU052548.D
Acq: 23 Dec 2022 19:29

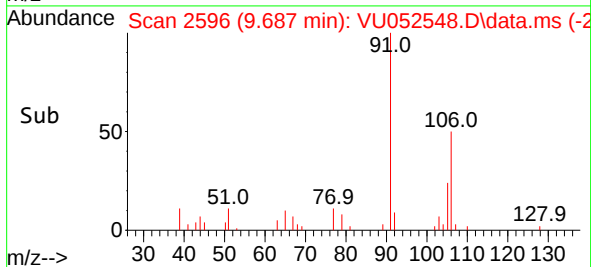
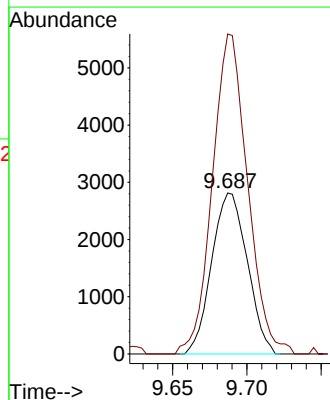
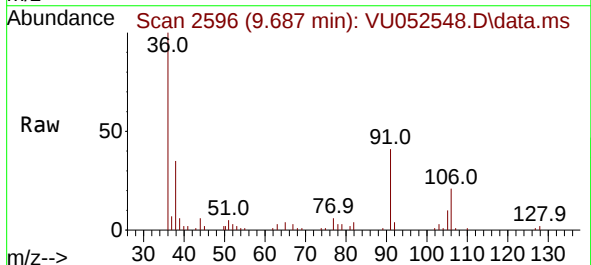
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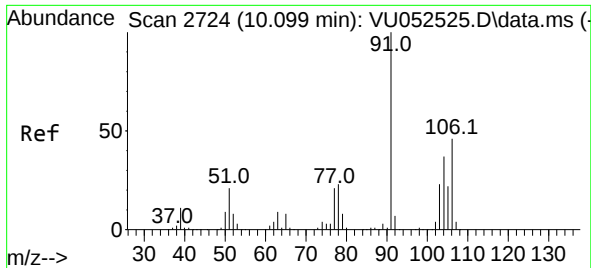
Tgt Ion: 91 Resp: 6959
Ion Ratio Lower Upper
91 100
106 26.6 20.9 38.7



#53
m,p-Xylene
Concen: 0.241 ug/L
RT: 9.687 min Scan# 2596
Delta R.T. -0.003 min
Lab File: VU052548.D
Acq: 23 Dec 2022 19:29

Tgt Ion: 106 Resp: 4684
Ion Ratio Lower Upper
106 100
91 198.8 148.2 275.2





#54
 o-Xylene
 Concen: 0.154 ug/L
 RT: 10.095 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU052548.D
 Acq: 23 Dec 2022 19:29

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQA0

Tgt Ion:106 Resp: 2875
 Ion Ratio Lower Upper
 106 100
 91 215.9 153.2 284.4

