

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
 Data File : VU052514.D
 Acq On : 23 Dec 2022 00:26
 Operator : JC/MD
 Sample : N6170-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQB5

Quant Time: Dec 23 06:43:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 23 06:08:56 2022
 Response via : Initial Calibration

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

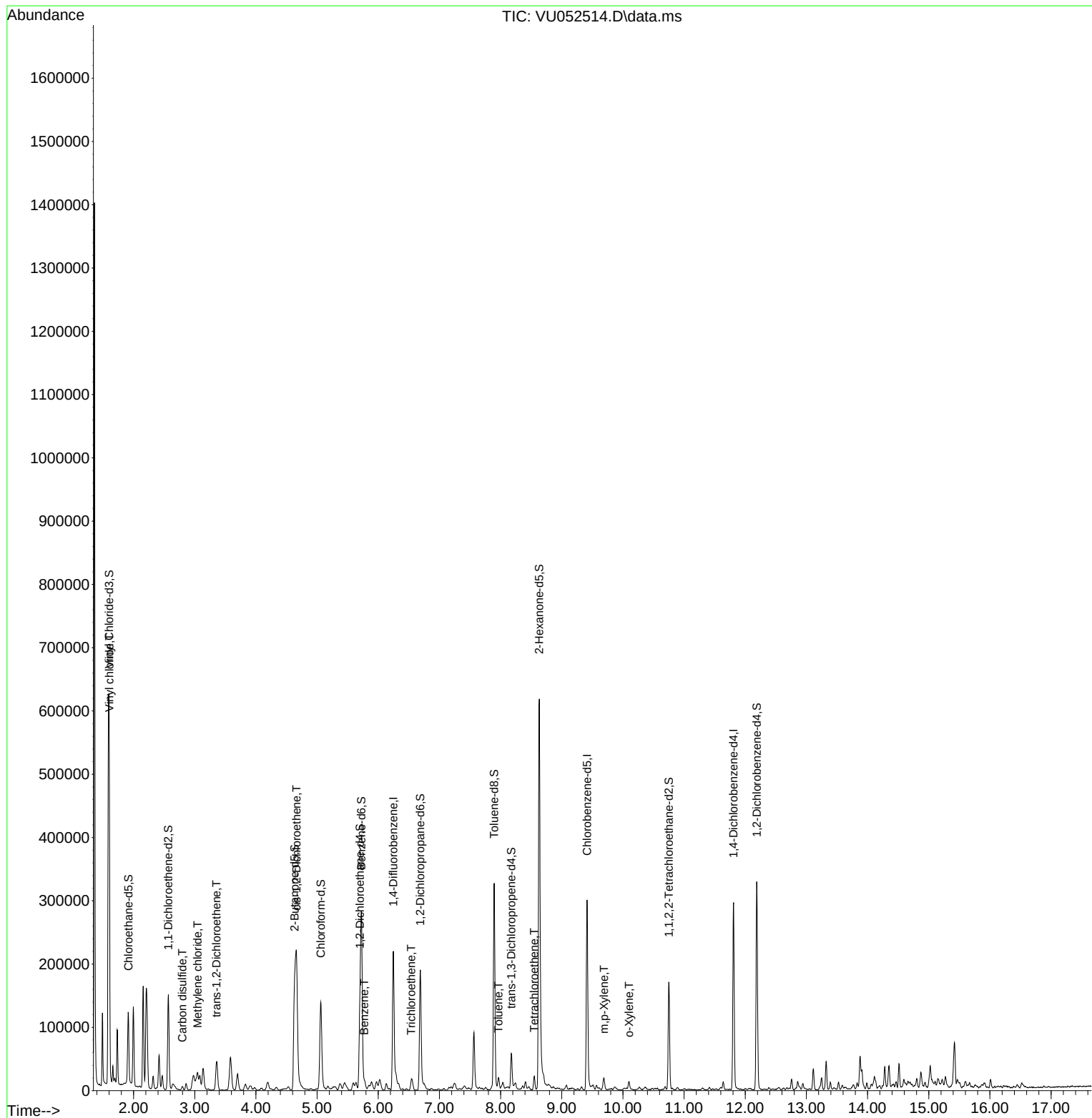
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	167381	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	159841	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	73584	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	68160	4.019	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.400%
7) Chloroethane-d5	1.916	69	63260	4.326	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.568	65	29311	4.017	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.400%
20) 2-Butanone-d5	4.633	46	310955	59.133	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.260%
24) Chloroform-d	5.060	84	128322	4.485	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.700	65	79914	4.815	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.726	84	259779	4.740	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	6.687	67	96134	5.096	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.896	98	207934	4.520	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	8.176	79	33475	5.182	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.600%
46) 2-Hexanone-d5	8.632	63	215993	61.116	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.240%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	86247	5.385	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.600%
66) 1,2-Dichlorobenzene-d4	12.188	152	80061	5.344	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.800%
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	7193	0.369	ug/L	# 62
14) Carbon disulfide	2.797	76	5395	0.134	ug/L	99
16) Methylene chloride	3.047	84	7609	0.430	ug/L	93
18) trans-1,2-Dichloroethene	3.356	96	7631	0.591	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	76147	5.371	ug/L	97
33) Benzene	5.771	78	12104	0.210	ug/L	100
34) Trichloroethene	6.539	95	4203	0.312	ug/L	85
42) Toluene	7.967	91	10953	0.198	ug/L	93
47) Tetrachloroethene	8.549	164	4775	0.508	ug/L	91
53) m,p-Xylene	9.690	106	3326	0.158	ug/L	100
54) o-Xylene	10.099	106	3515	0.174	ug/L	92

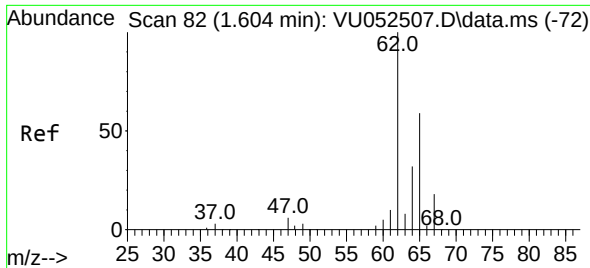
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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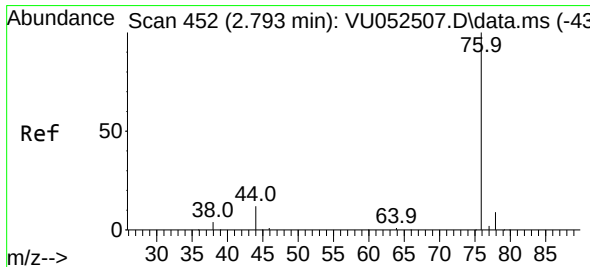
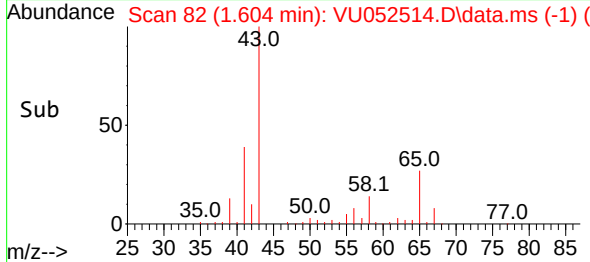
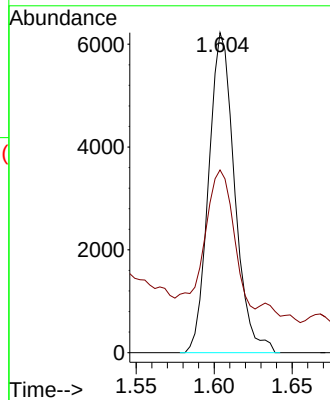
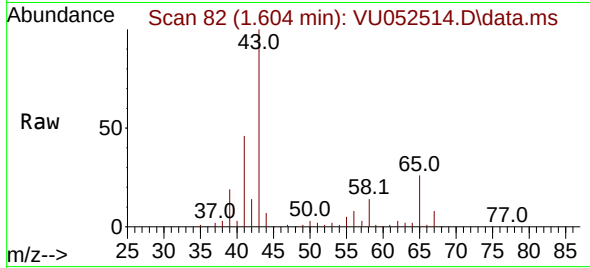




#5
 Vinyl chloride
 Concen: 0.369 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU052514.D
 Acq: 23 Dec 2022 00:26

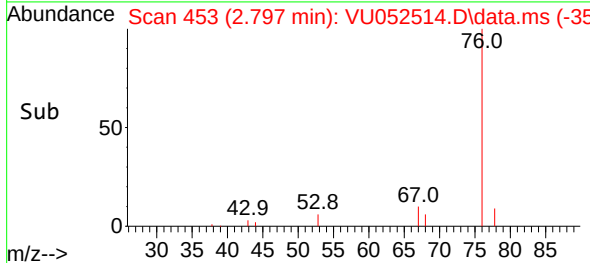
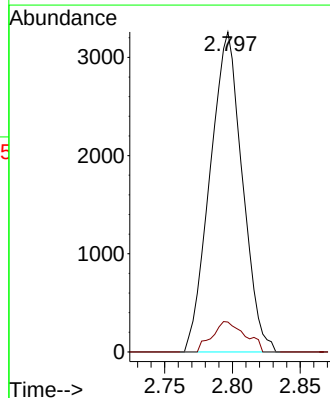
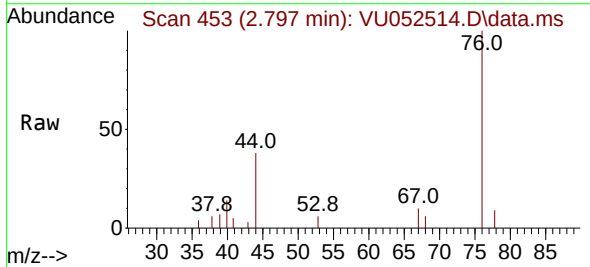
Instrument :
 MSVOA_U
 ClientSampleId :
 GBQB5

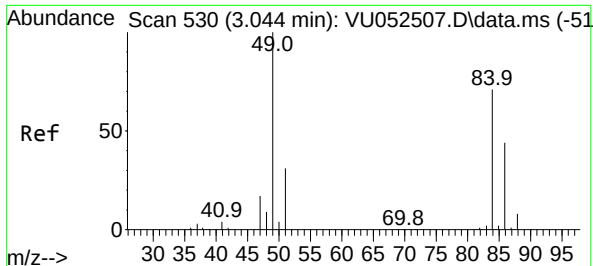
Tgt Ion: 62 Resp: 7193
 Ion Ratio Lower Upper
 62 100
 64 57.1 24.4 45.4#



#14
 Carbon disulfide
 Concen: 0.134 ug/L
 RT: 2.797 min Scan# 453
 Delta R.T. 0.003 min
 Lab File: VU052514.D
 Acq: 23 Dec 2022 00:26

Tgt Ion: 76 Resp: 5395
 Ion Ratio Lower Upper
 76 100
 78 9.4 7.1 10.7

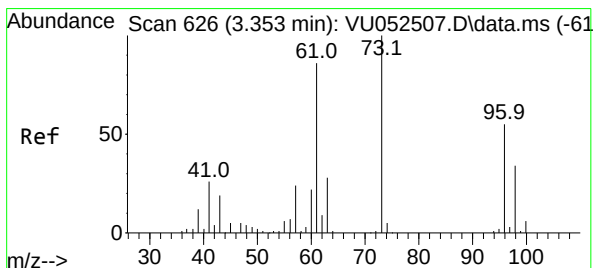
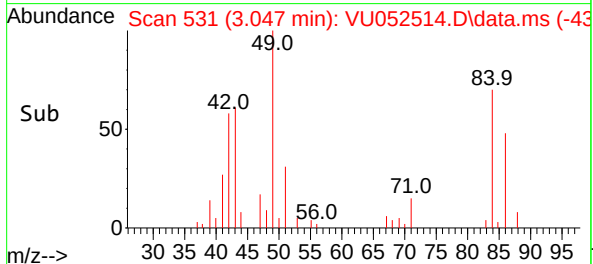
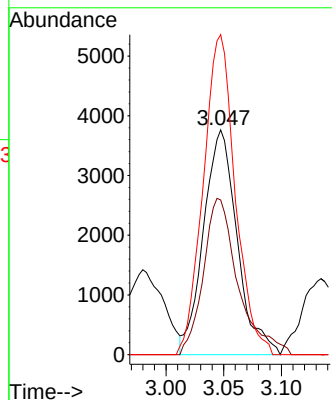
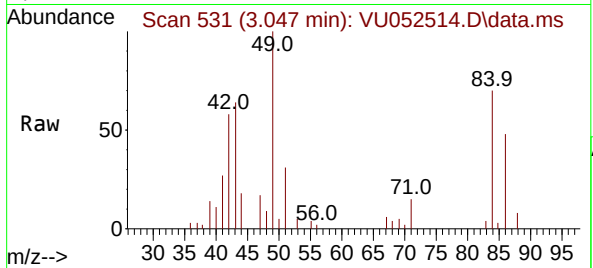




#16
Methylene chloride
Concen: 0.430 ug/L
RT: 3.047 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU052514.D
Acq: 23 Dec 2022 00:26

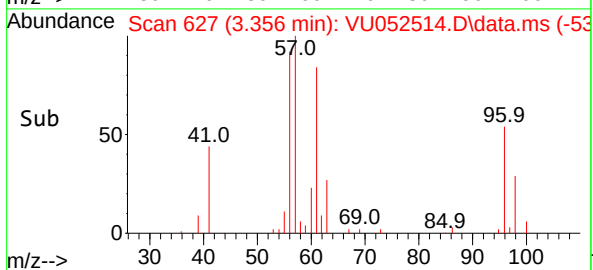
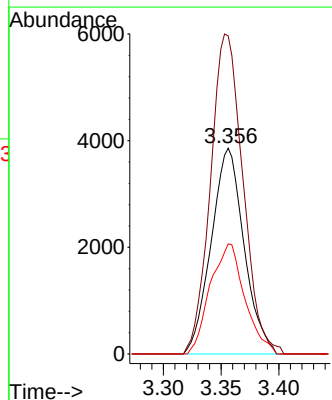
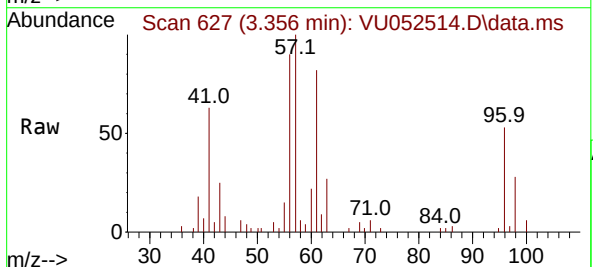
Instrument :
MSVOA_U
ClientSampleId :
GBQB5

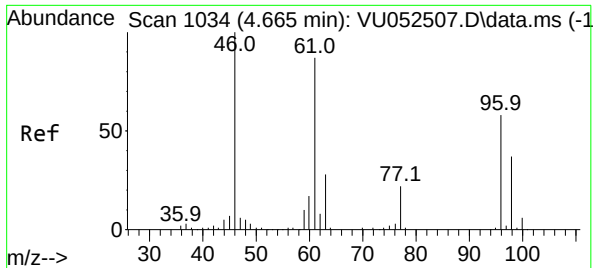
Tgt Ion: 84 Resp: 7609
Ion Ratio Lower Upper
84 100
86 68.8 44.7 83.1
49 142.3 93.3 173.3



#18
trans-1,2-Dichloroethene
Concen: 0.591 ug/L
RT: 3.356 min Scan# 627
Delta R.T. 0.003 min
Lab File: VU052514.D
Acq: 23 Dec 2022 00:26

Tgt Ion: 96 Resp: 7631
Ion Ratio Lower Upper
96 100
61 154.6 108.3 201.1
98 53.5 44.0 81.6

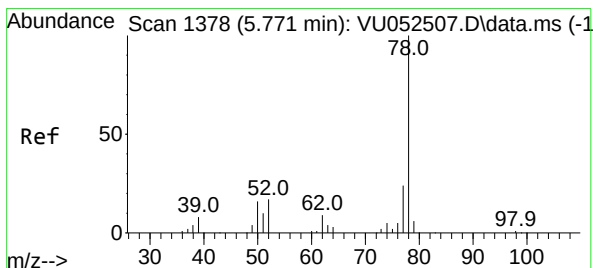
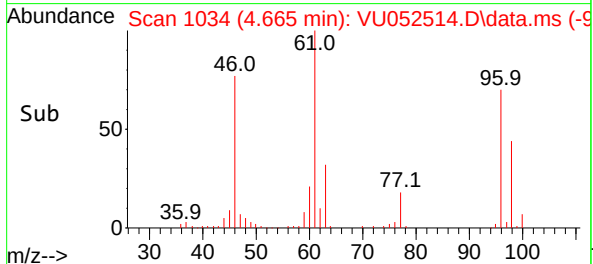
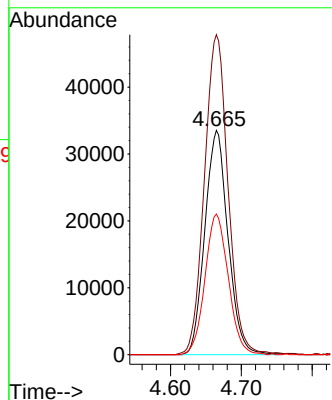
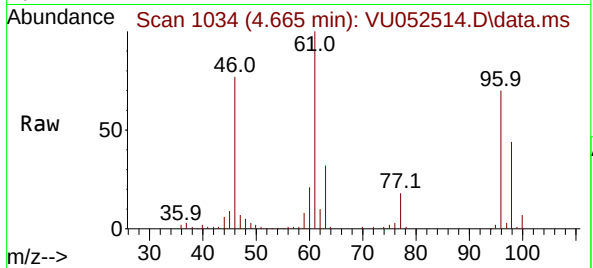




#22
 cis-1,2-Dichloroethene
 Concen: 5.371 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU052514.D
 Acq: 23 Dec 2022 00:26

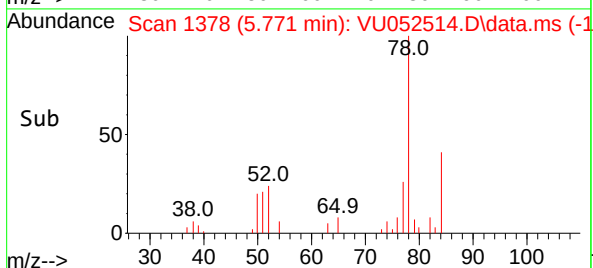
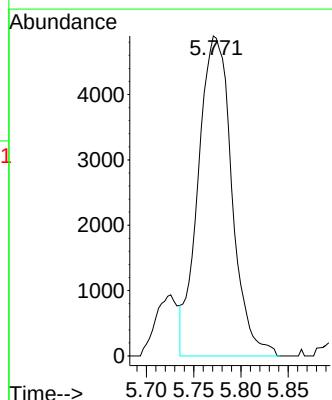
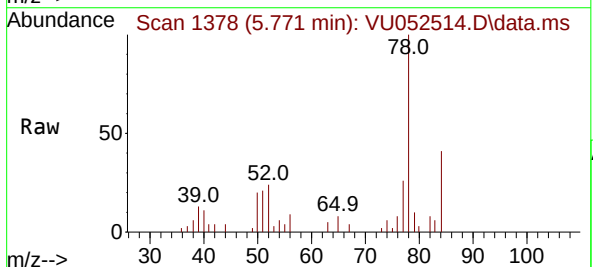
Instrument :
 MSVOA_U
 ClientSampleId :
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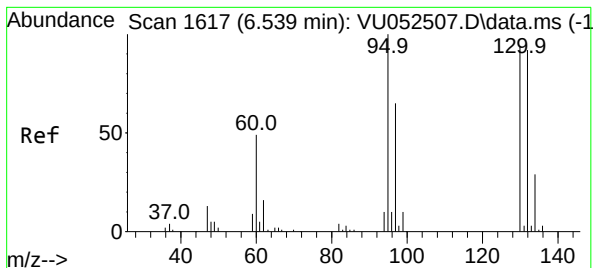
Tgt Ion: 96 Resp: 76147
 Ion Ratio Lower Upper
 96 100
 61 142.7 96.9 180.1
 98 62.7 44.7 83.1



#33
 Benzene
 Concen: 0.210 ug/L
 RT: 5.771 min Scan# 1378
 Delta R.T. 0.000 min
 Lab File: VU052514.D
 Acq: 23 Dec 2022 00:26

Tgt Ion: 78 Resp: 12104





#34

Trichloroethene

Concen: 0.312 ug/L

RT: 6.539 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052514.D

Acq: 23 Dec 2022 00:26

Instrument :

MSVOA_U

ClientSampleId :

GBQB5

Tgt Ion: 95 Resp: 4203

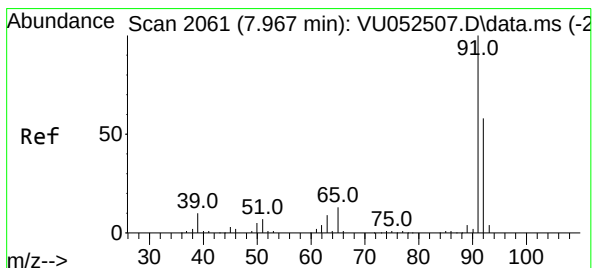
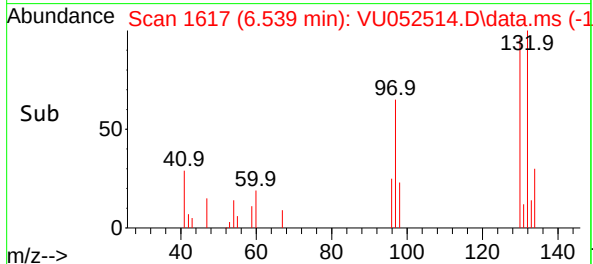
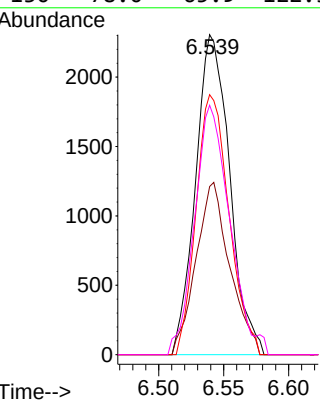
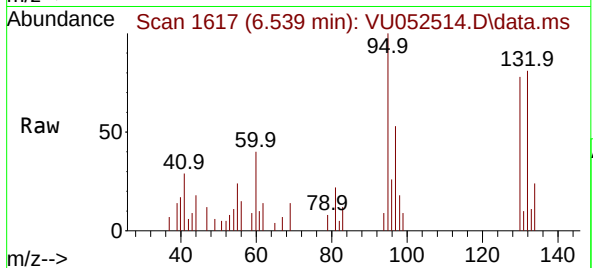
Ion Ratio Lower Upper

95 100

97 52.6 46.3 86.1

132 81.3 63.9 118.7

130 78.0 65.9 122.5



#42

Toluene

Concen: 0.198 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU052514.D

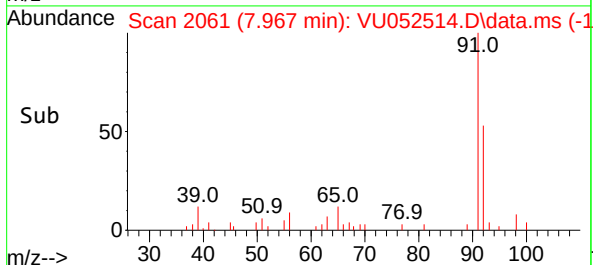
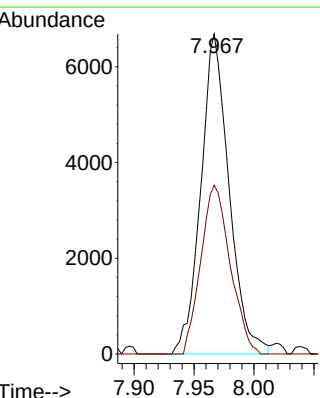
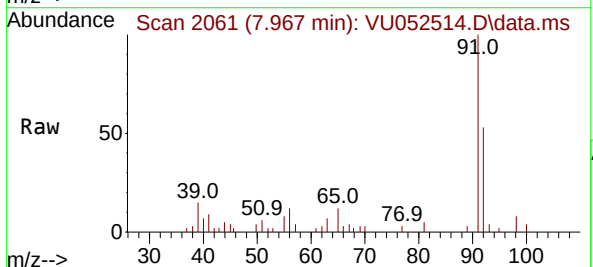
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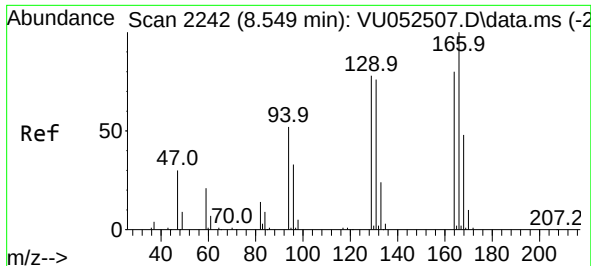
Tgt Ion: 91 Resp: 10953

Ion Ratio Lower Upper

91 100

92 52.8 40.6 75.4

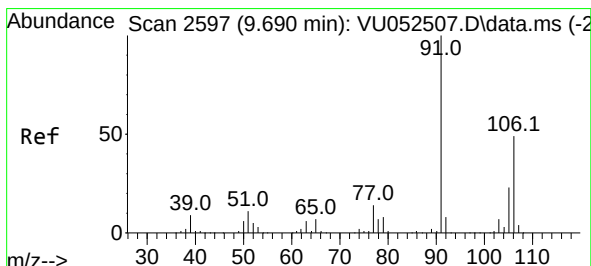
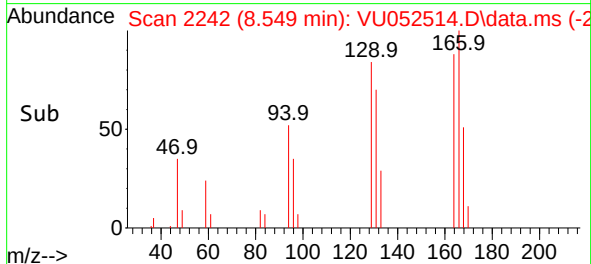
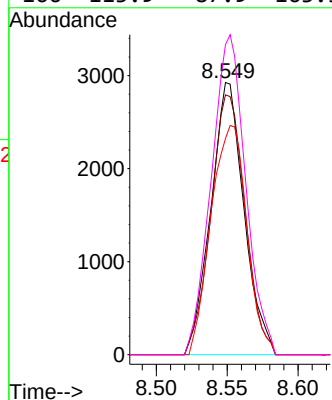
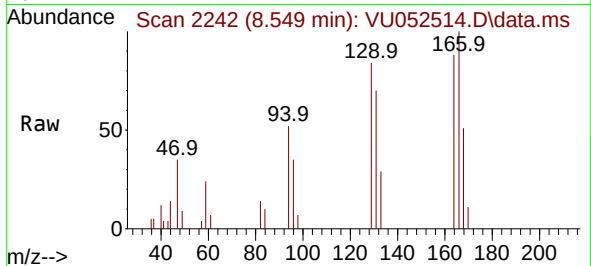




#47
Tetrachloroethene
Concen: 0.508 ug/L
RT: 8.549 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052514.D
Acq: 23 Dec 2022 00:26

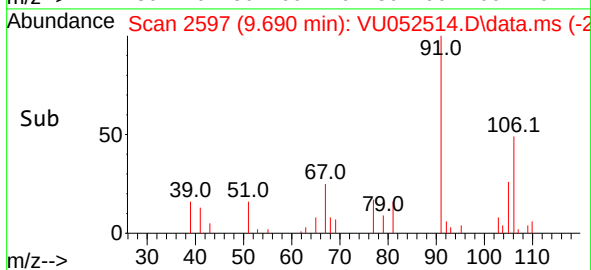
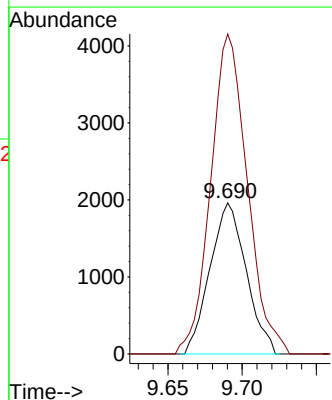
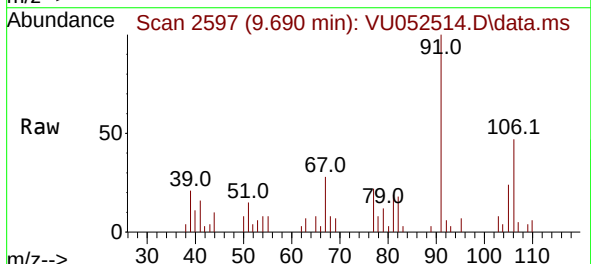
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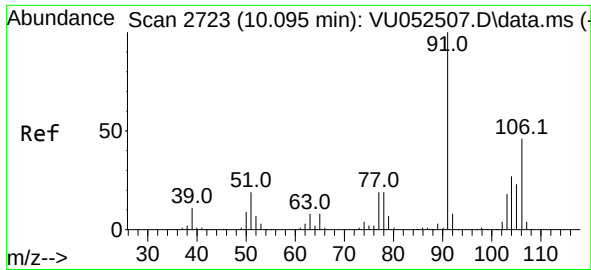
Tgt Ion:164 Resp: 4775
Ion Ratio Lower Upper
164 100
129 95.5 68.1 126.5
131 79.4 66.5 123.5
166 113.9 87.9 163.3



#53
m,p-Xylene
Concen: 0.158 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU052514.D
Acq: 23 Dec 2022 00:26

Tgt Ion:106 Resp: 3326
Ion Ratio Lower Upper
106 100
91 211.9 148.2 275.2





#54
 o-Xylene
 Concen: 0.174 ug/L
 RT: 10.099 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU052514.D
 Acq: 23 Dec 2022 00:26

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQB5

Tgt Ion:106 Resp: 3515
 Ion Ratio Lower Upper
 106 100
 91 231.5 153.2 284.4

