

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
 Data File : VU052513.D
 Acq On : 23 Dec 2022 00:02
 Operator : JC/MD
 Sample : N6170-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQB4

Quant Time: Dec 23 06:43:10 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)

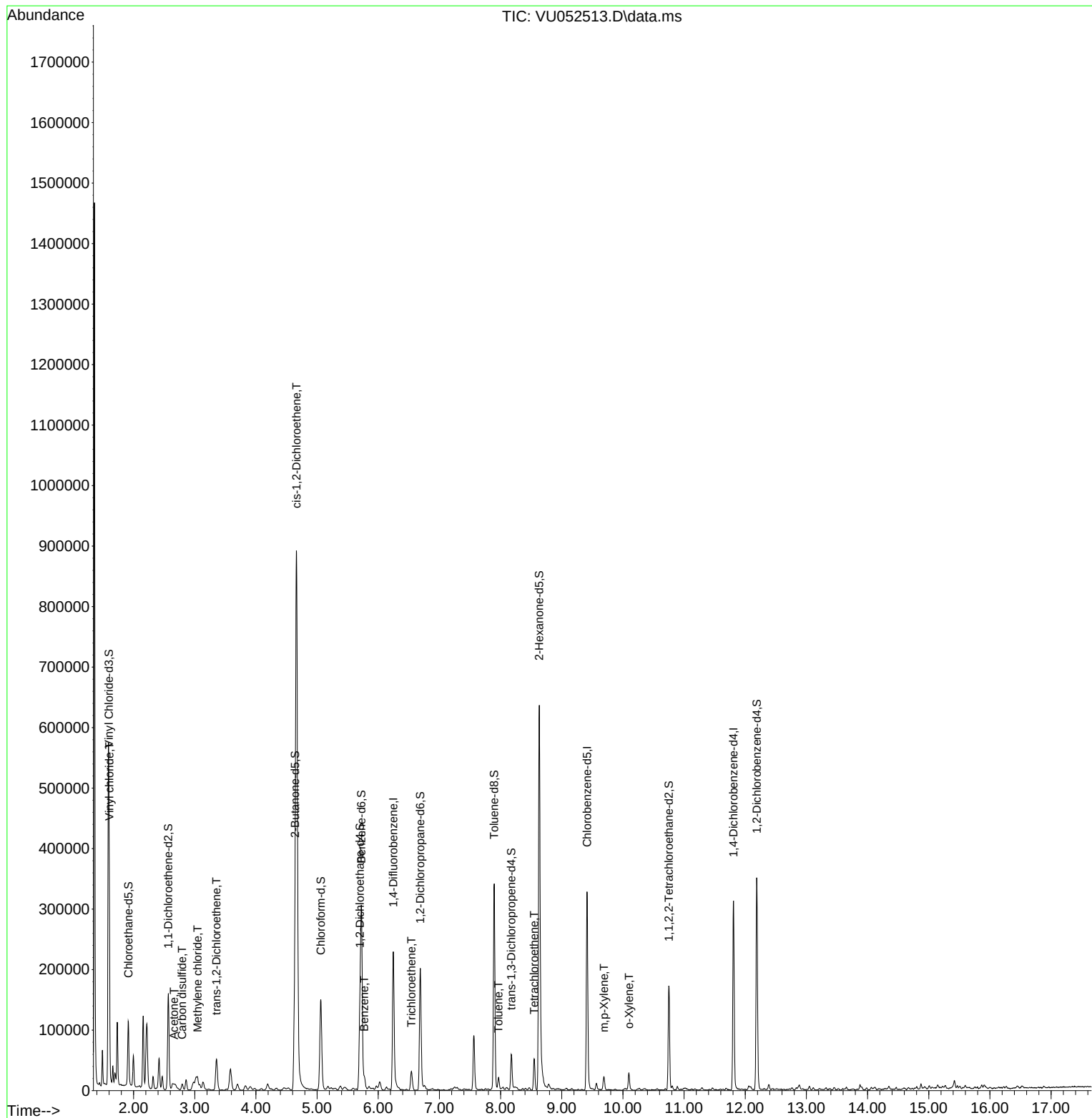
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	176812	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	171703	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	77374	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	70654	3.944	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.800%
7) Chloroethane-d5	1.916	69	66191	4.285	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.600%
11) 1,1-Dichloroethene-d2	2.568	65	31017	4.024	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.400%
20) 2-Butanone-d5	4.639	46	321754	57.923	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.840%
24) Chloroform-d	5.060	84	135597	4.487	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.700	65	84392	4.814	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.726	84	279279	4.744	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	6.687	67	98105	4.841	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.896	98	216911	4.389	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	8.176	79	33110	4.772	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.400%
46) 2-Hexanone-d5	8.632	63	223457	58.860	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.720%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	88478	5.143	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	12.188	152	83327	5.290	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.800%
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	15524	0.754	ug/L	# 81
13) Acetone	2.662	43	24567	5.999	ug/L	99
14) Carbon disulfide	2.793	76	11353	0.266	ug/L	96
16) Methylene chloride	3.044	84	7196	0.385	ug/L	93
18) trans-1,2-Dichloroethene	3.356	96	16202	1.187	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	401752	26.824	ug/L	98
33) Benzene	5.771	78	17921	0.290	ug/L	100
34) Trichloroethene	6.542	95	9464	0.655	ug/L	96
42) Toluene	7.967	91	12725	0.215	ug/L	98
47) Tetrachloroethene	8.549	164	11114	1.101	ug/L	96
53) m,p-Xylene	9.690	106	5167	0.228	ug/L	96
54) o-Xylene	10.099	106	7318	0.337	ug/L	93

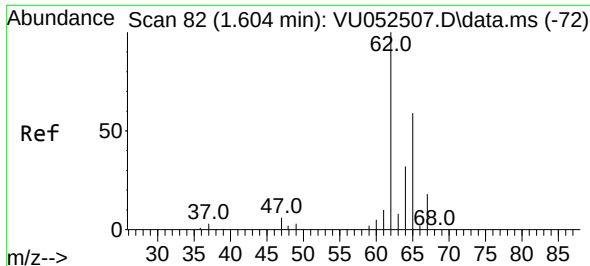
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052513.D
Acq On : 23 Dec 2022 00:02
Operator : JC/MD
Sample : N6170-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB4

Quant Time: Dec 23 06:43:10 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

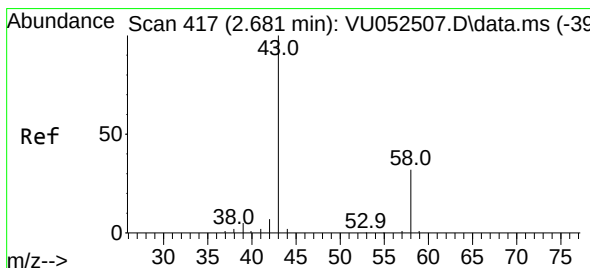
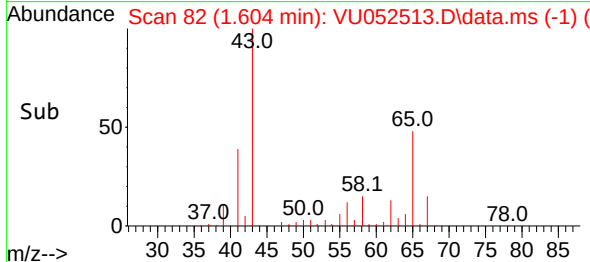
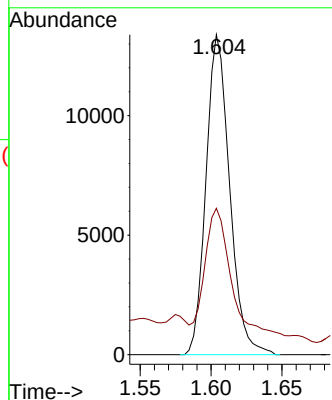
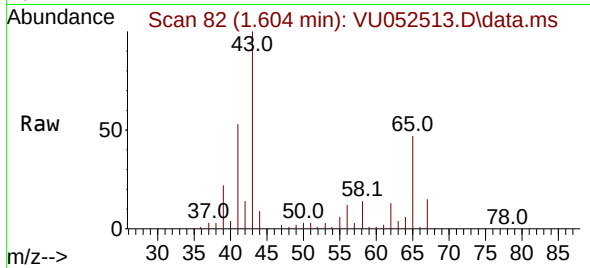




#5
 Vinyl chloride
 Concen: 0.754 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU052513.D
 Acq: 23 Dec 2022 00:02

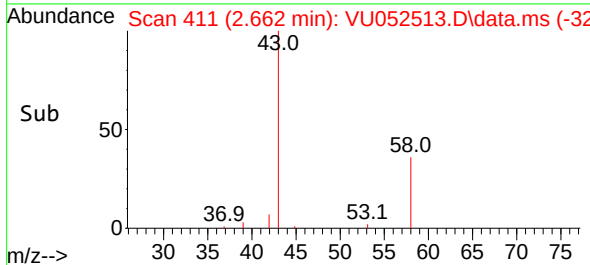
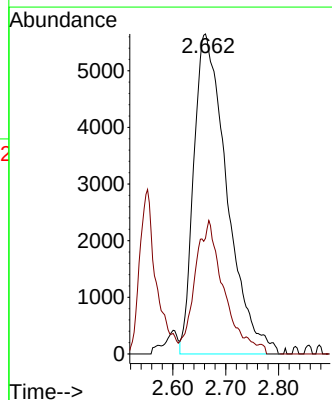
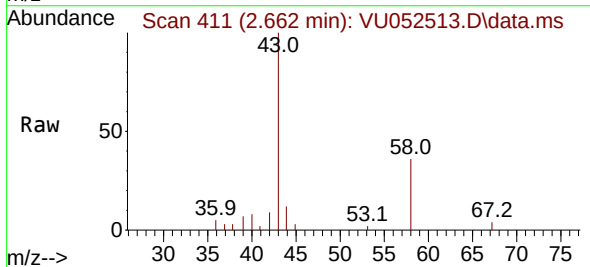
Instrument :
 MSVOA_U
 ClientSampleId :
 GBQB4

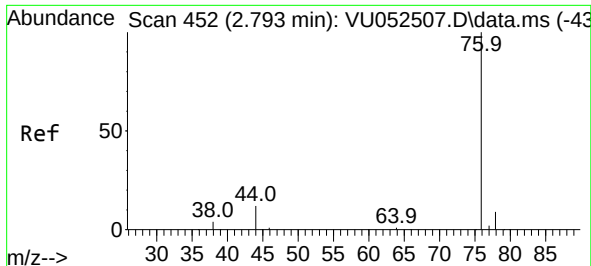
Tgt Ion: 62 Resp: 15524
 Ion Ratio Lower Upper
 62 100
 64 45.8 24.4 45.4#



#13
 Acetone
 Concen: 5.999 ug/L
 RT: 2.662 min Scan# 411
 Delta R.T. -0.019 min
 Lab File: VU052513.D
 Acq: 23 Dec 2022 00:02

Tgt Ion: 43 Resp: 24567
 Ion Ratio Lower Upper
 43 100
 58 32.2 0.0 65.4

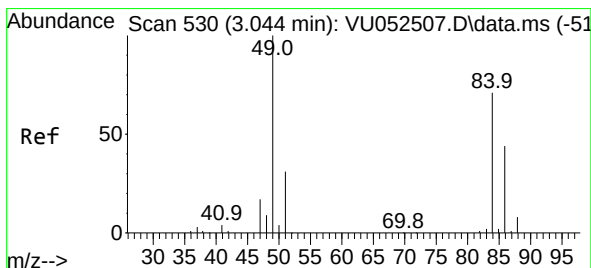
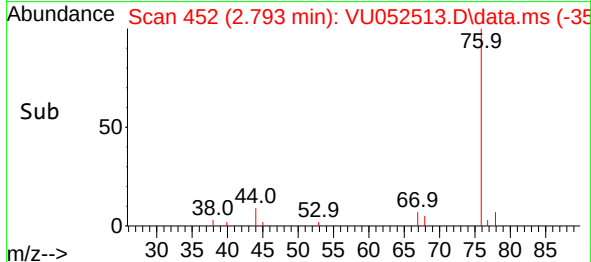
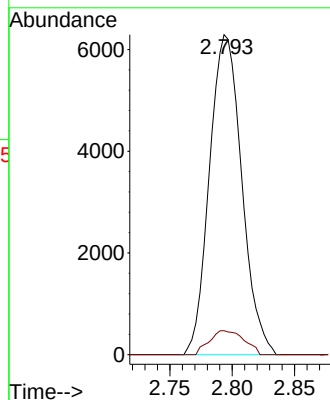
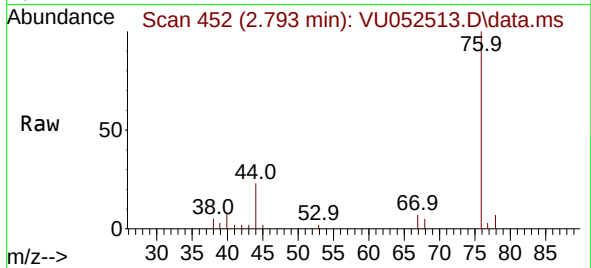




#14
Carbon disulfide
Concen: 0.266 ug/L
RT: 2.793 min Scan# 411
Delta R.T. 0.000 min
Lab File: VU052513.D
Acq: 23 Dec 2022 00:02

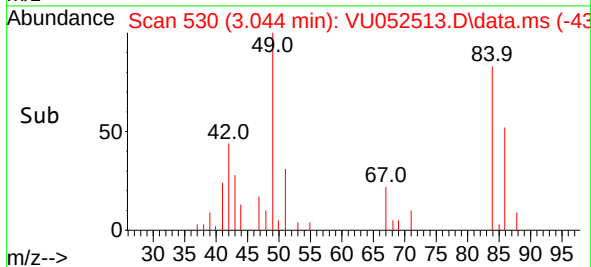
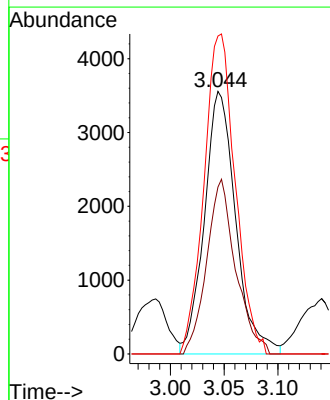
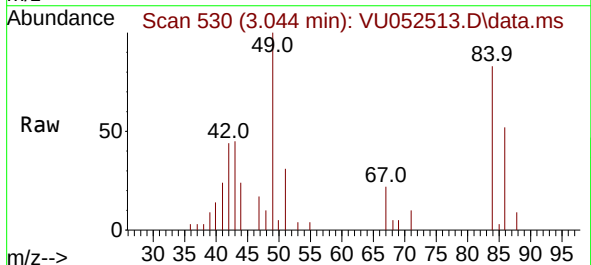
Instrument :
MSVOA_U
ClientSampleId :
GBQB4

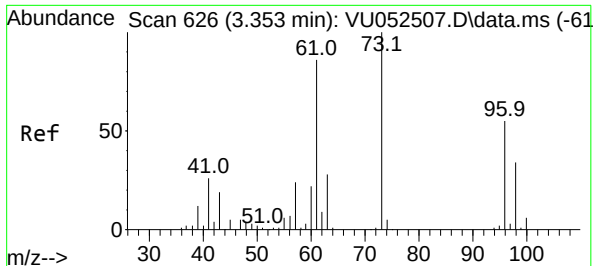
Tgt Ion: 76 Resp: 11353
Ion Ratio Lower Upper
76 100
78 7.5 7.1 10.7



#16
Methylene chloride
Concen: 0.385 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU052513.D
Acq: 23 Dec 2022 00:02

Tgt Ion: 84 Resp: 7196
Ion Ratio Lower Upper
84 100
86 63.6 44.7 83.1
49 121.1 93.3 173.3

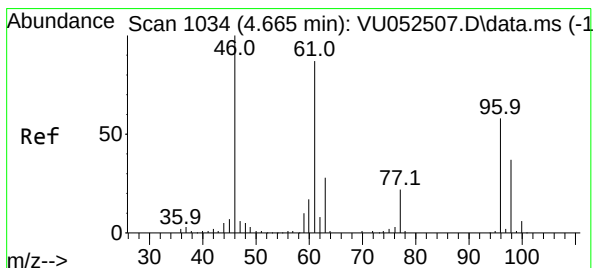
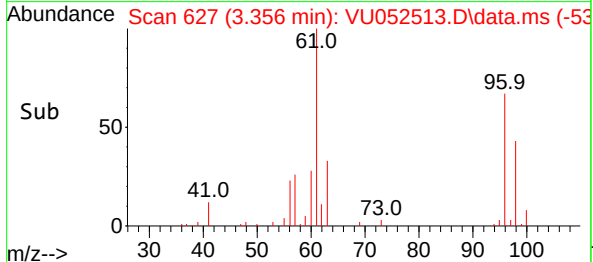
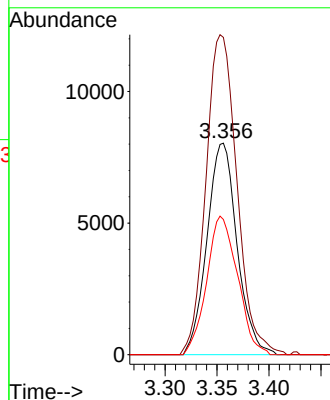
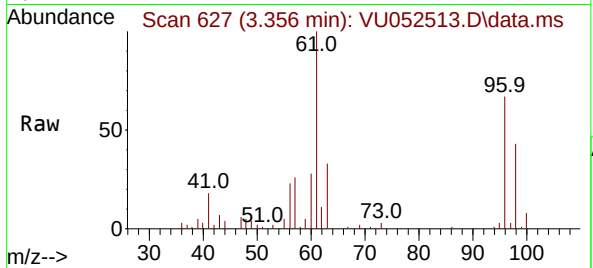




#18
trans-1,2-Dichloroethene
Concen: 1.187 ug/L
RT: 3.356 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU052513.D
Acq: 23 Dec 2022 00:02

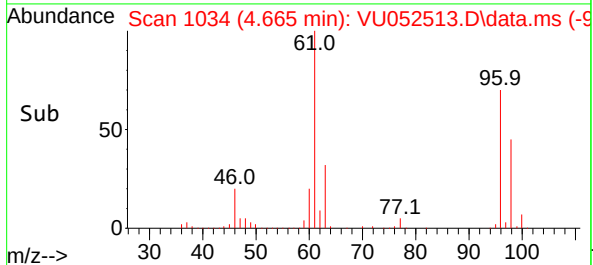
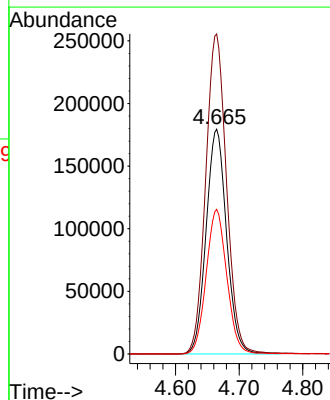
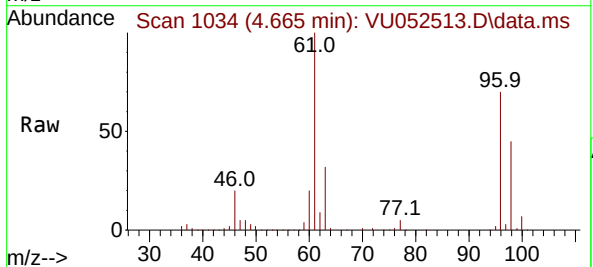
Instrument :
MSVOA_U
ClientSampleId :
GBQB4

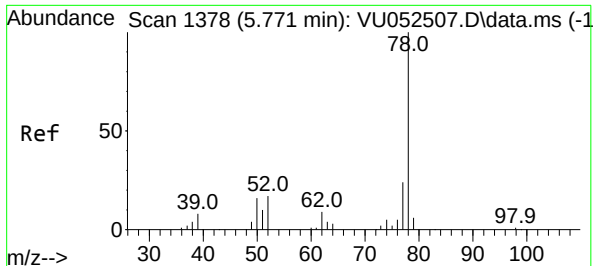
Tgt Ion: 96 Resp: 16202
Ion Ratio Lower Upper
96 100
61 150.0 108.3 201.1
98 63.9 44.0 81.6



#22
cis-1,2-Dichloroethene
Concen: 26.824 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU052513.D
Acq: 23 Dec 2022 00:02

Tgt Ion: 96 Resp: 401752
Ion Ratio Lower Upper
96 100
61 142.3 96.9 180.1
98 64.3 44.7 83.1

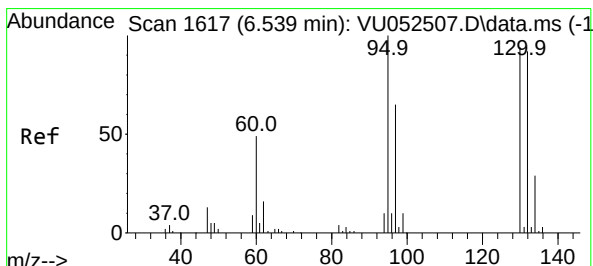
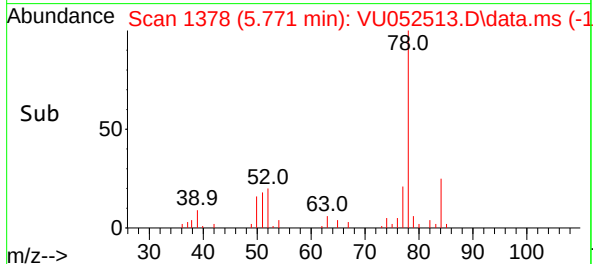
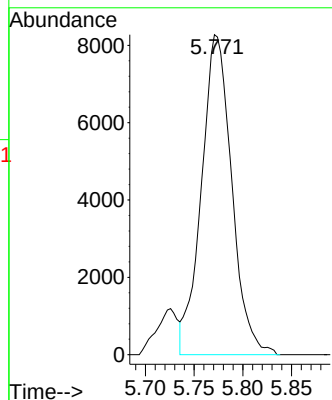
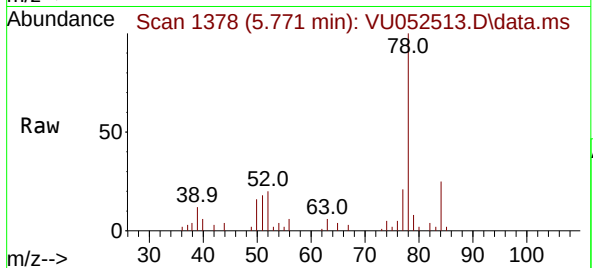




#33
Benzene
Concen: 0.290 ug/L
RT: 5.771 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU052513.D
Acq: 23 Dec 2022 00:02

Instrument :
MSVOA_U
ClientSampleId :
GBQB4

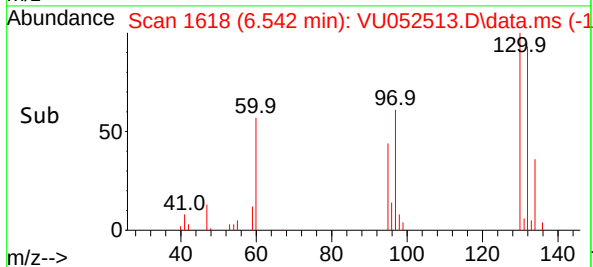
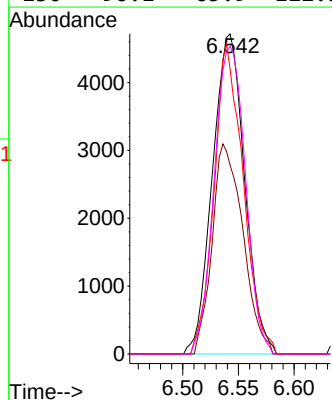
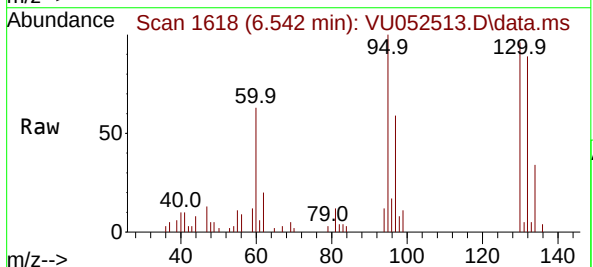
Tgt Ion: 78 Resp: 17921

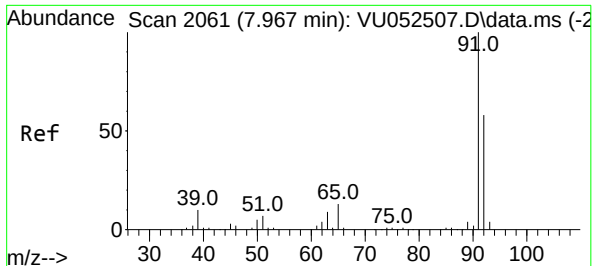


#34
Trichloroethene
Concen: 0.655 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU052513.D
Acq: 23 Dec 2022 00:02

Tgt Ion: 95 Resp: 9464

Ion	Ratio	Lower	Upper
95	100		
97	59.0	46.3	86.1
132	89.0	63.9	118.7
130	96.1	65.9	122.5





#42

Toluene

Concen: 0.215 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU052513.D

Acq: 23 Dec 2022 00:02

Instrument :

MSVOA_U

ClientSampleId :

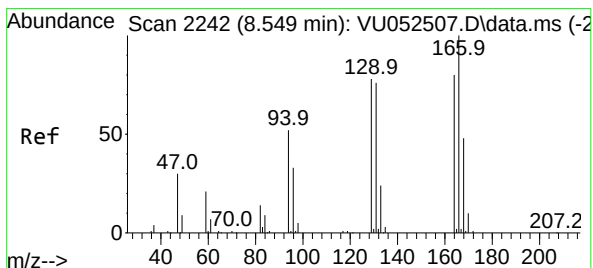
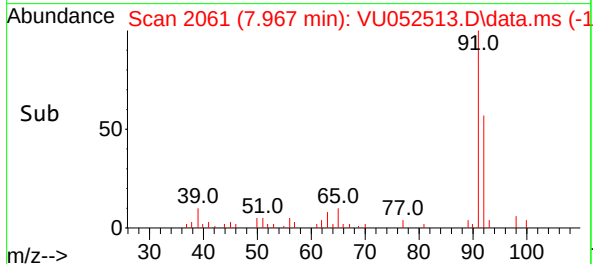
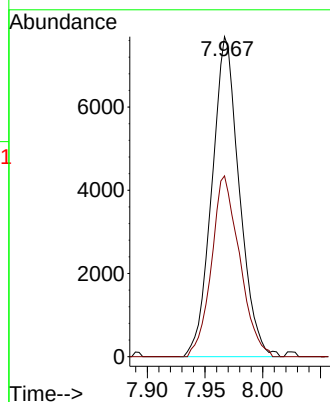
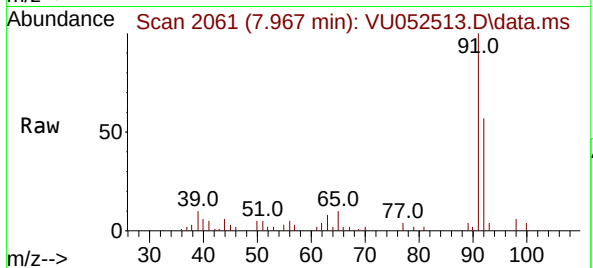
GBQB4

Tgt Ion: 91 Resp: 12725

Ion Ratio Lower Upper

91 100

92 56.5 40.6 75.4



#47

Tetrachloroethene

Concen: 1.101 ug/L

RT: 8.549 min Scan# 2242

Delta R.T. 0.000 min

Lab File: VU052513.D

Acq: 23 Dec 2022 00:02

Tgt Ion: 164 Resp: 11114

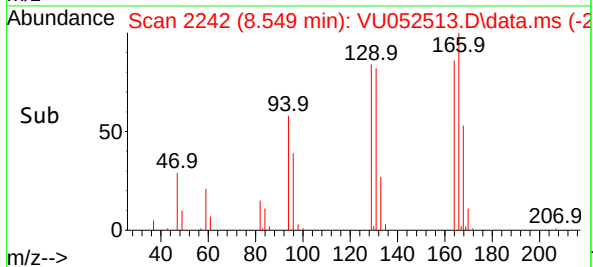
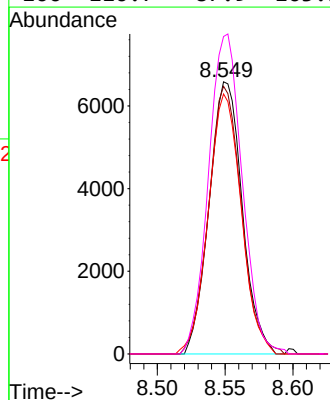
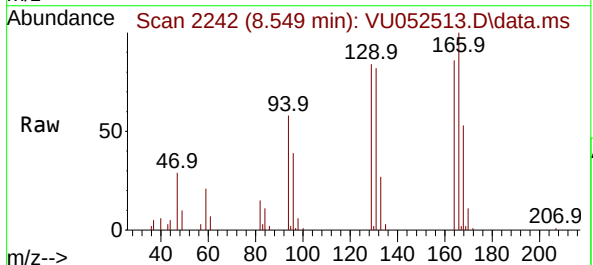
Ion Ratio Lower Upper

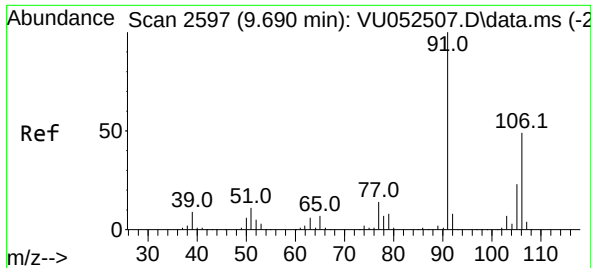
164 100

129 98.4 68.1 126.5

131 95.6 66.5 123.5

166 116.7 87.9 163.3

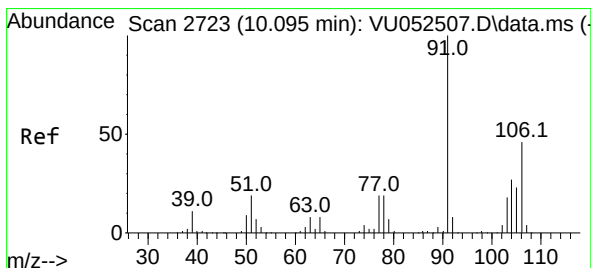
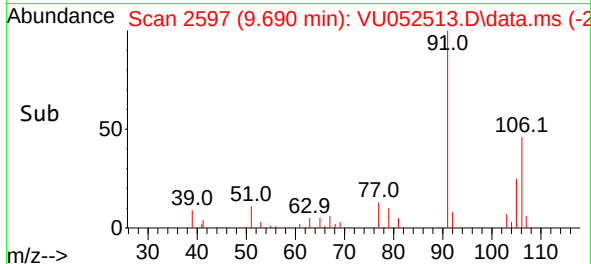
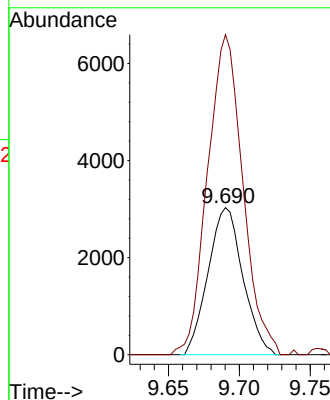
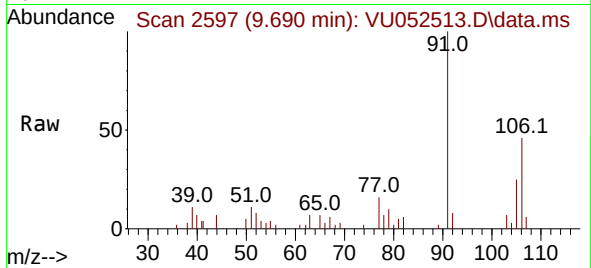




#53
m,p-Xylene
Concen: 0.228 ug/L
RT: 9.690 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052513.D
Acq: 23 Dec 2022 00:02

Instrument :
MSVOA_U
ClientSampleId :
GBQB4

Tgt Ion:106 Resp: 5167
Ion Ratio Lower Upper
106 100
91 217.6 148.2 275.2



#54
o-Xylene
Concen: 0.337 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.003 min
Lab File: VU052513.D
Acq: 23 Dec 2022 00:02

Tgt Ion:106 Resp: 7318
Ion Ratio Lower Upper
106 100
91 207.9 153.2 284.4

