

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050421\
 Data File : VU043514.D
 Acq On : 04 May 2021 12:37
 Operator : SY/MD
 Sample : M2195-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3H4

Quant Time: May 05 04:54:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 05 04:50:58 2021
 Response via : Initial Calibration

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

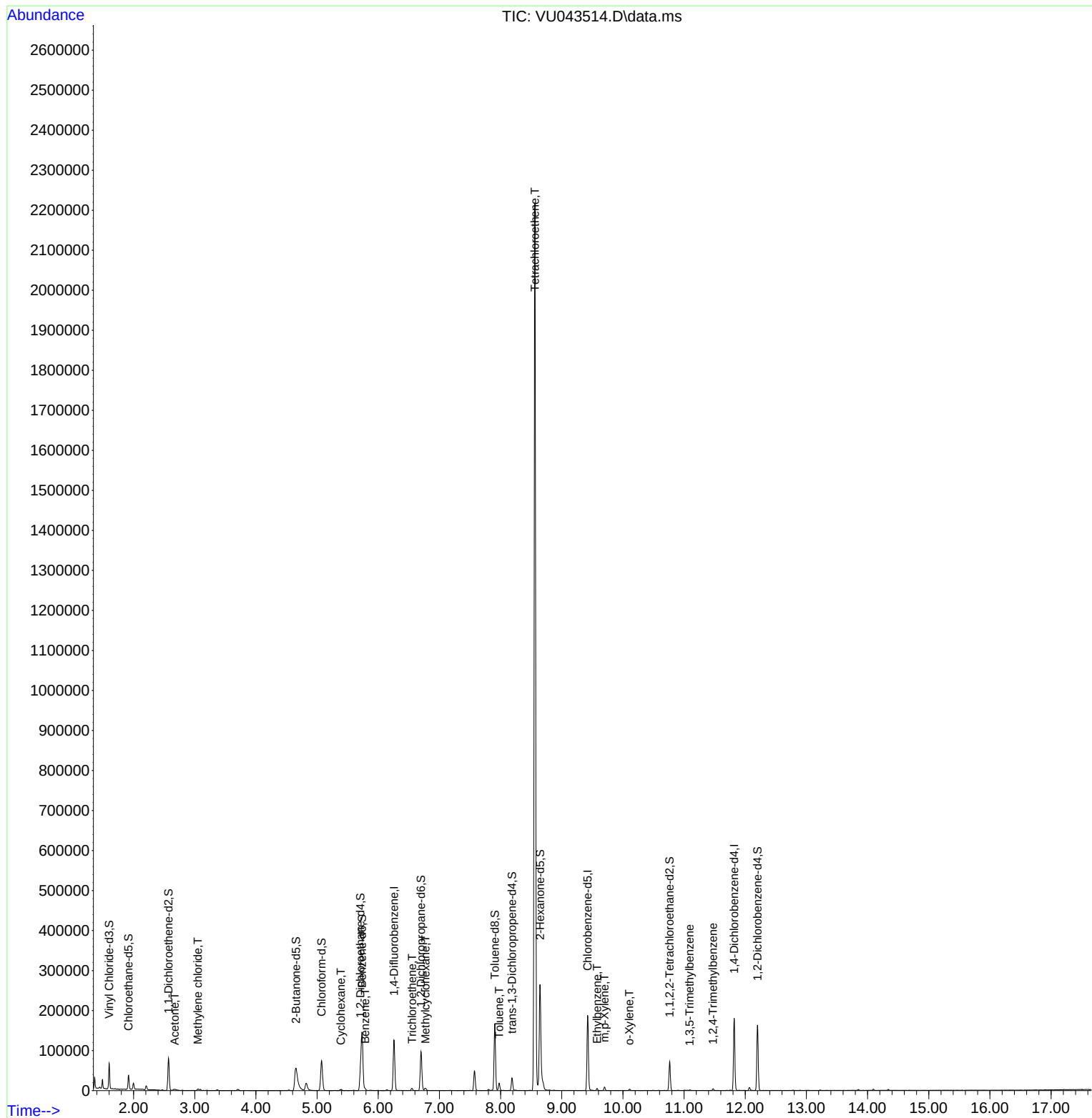
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	91118	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	94006	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	42397	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	30668	4.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.60%
7) Chloroethane-d5	1.916	69	23884	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.572	65	15720	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.40%
20) 2-Butanone-d5	4.655	46	126117	55.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.88%
24) Chloroform-d	5.073	84	63945	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.710	65	42105	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.735	84	118248	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.700	67	41866	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.906	98	101375	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloroprop...	8.185	79	16237	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.645	63	82833	54.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.80%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	34425	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	37795	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%
Target Compounds						Qvalue
13) Acetone	2.671	43	7722	5.09	ug/L	90
16) Methylene chloride	3.051	84	1298	0.16	ug/L	83
30) Cyclohexane	5.391	56	1103	0.13	ug/L #	68
33) Benzene	5.787	78	4143	0.17	ug/L	100
34) Trichloroethene	6.552	95	1738	0.27	ug/L	90
35) Methylcyclohexane	6.771	83	1974	0.24	ug/L	94
42) Toluene	7.977	91	11993	0.46	ug/L	99
47) Tetrachloroethene	8.562	164	453217	97.29	ug/L	98
52) Ethylbenzene	9.578	91	3593	0.13	ug/L	95
53) m,p-Xylene	9.700	106	2362	0.24	ug/L	99
54) o-Xylene	10.105	106	741	0.08	ug/L	98
62) 1,3,5-Trimethylbenzene	11.092	105	1347	0.07	ug/L	95
63) 1,2,4-Trimethylbenzene	11.475	105	2680	0.15	ug/L	91

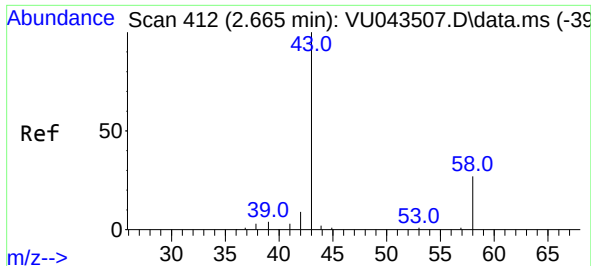
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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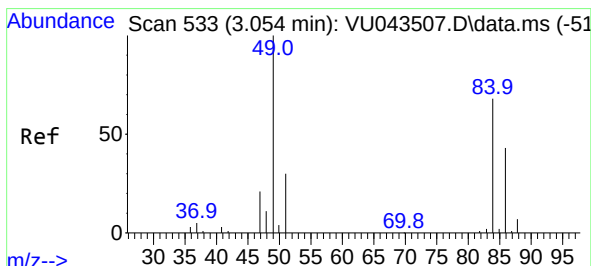
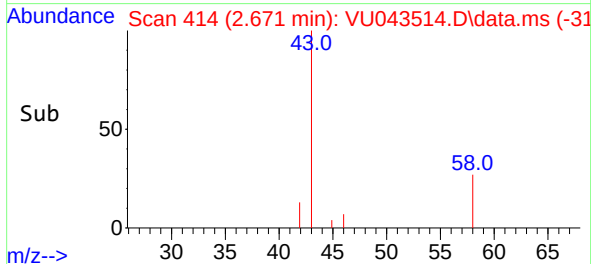
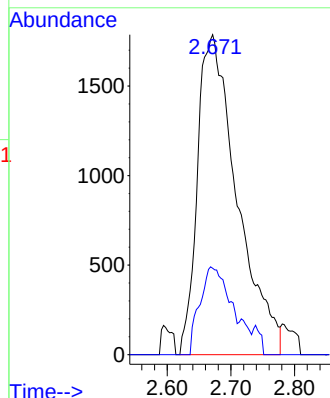
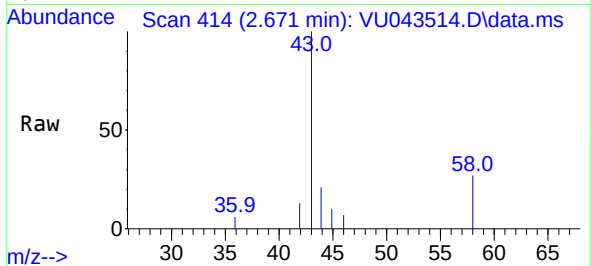




#13
Acetone
Concen: 5.09 ug/L
RT: 2.671 min Scan# 414
Delta R.T. 0.006 min
Lab File: VU043514.D
Acq: 04 May 2021 12:37

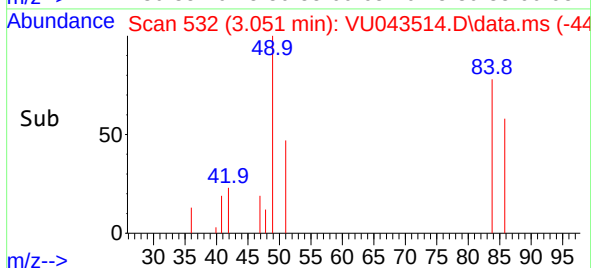
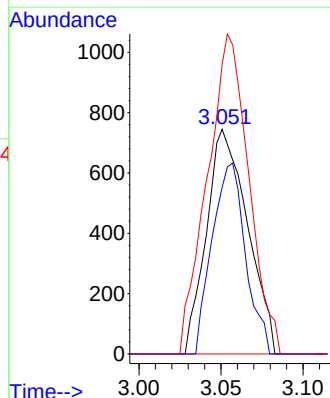
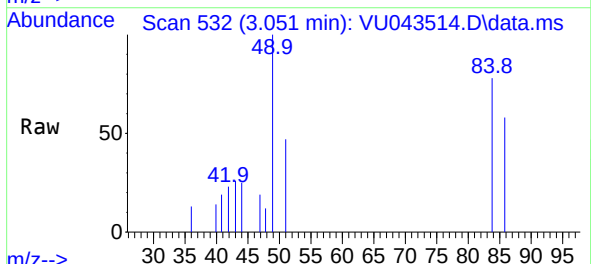
Instrument :
MSVOA_U
ClientSampled :
GB3H4

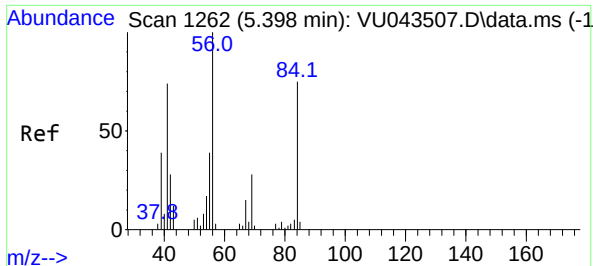
Tgt Ion: 43 Resp: 7722
Ion Ratio Lower Upper
43 100
58 20.3 0.0 50.8



#16
Methylene chloride
Concen: 0.16 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU043514.D
Acq: 04 May 2021 12:37

Tgt Ion: 84 Resp: 1298
Ion Ratio Lower Upper
84 100
86 74.1 45.6 84.6
49 128.9 107.0 198.8





#30

Cyclohexane

Concen: 0.13 ug/L

RT: 5.391 min Scan# 1260

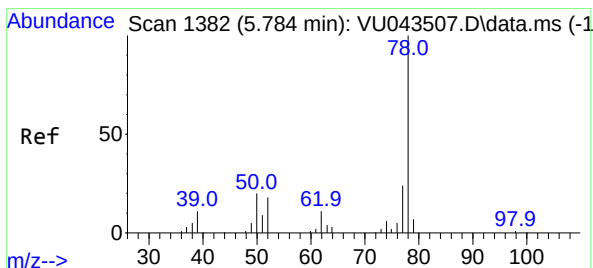
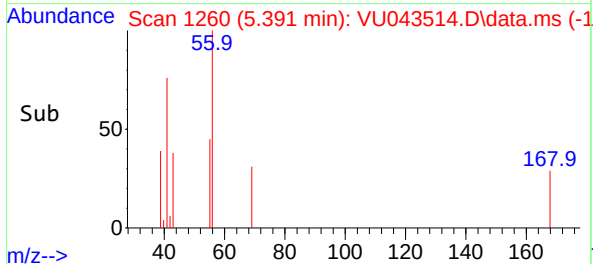
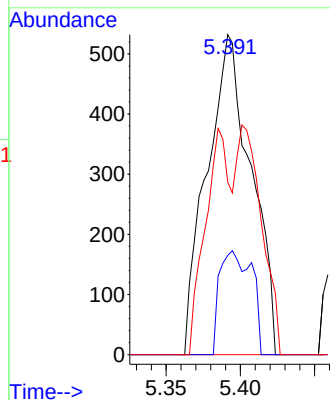
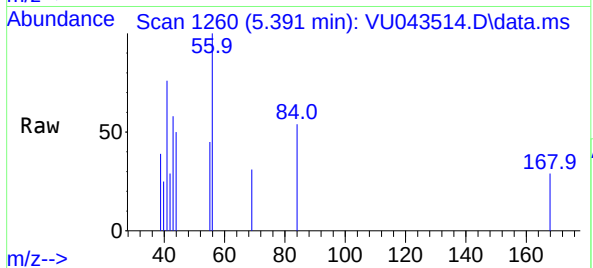
Delta R.T. -0.007 min

Lab File: VU043514.D

Acq: 04 May 2021 12:37

Tgt Ion:	56	Resp:	1103
Ion	Ratio	Lower	Upper
56	100		
69	23.4	23.0	34.4
84	41.0	60.3	90.5

Instrument :
MSVOA_U
ClientSampleId :
GB3H4



#33

Benzene

Concen: 0.17 ug/L

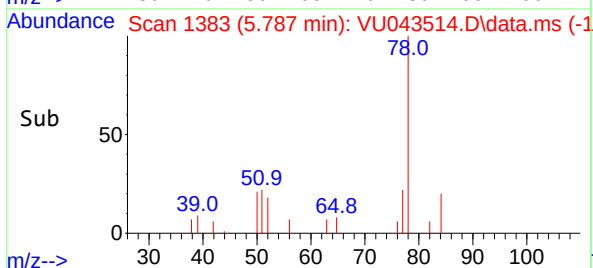
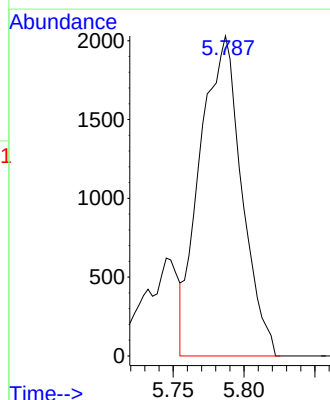
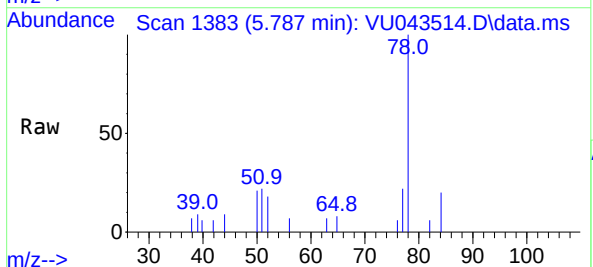
RT: 5.787 min Scan# 1383

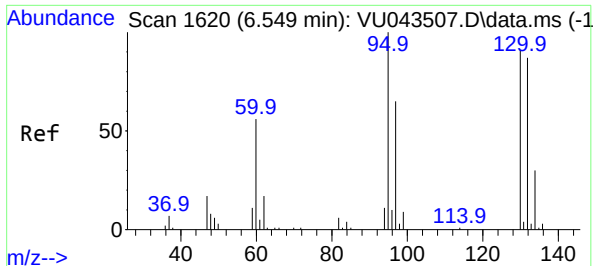
Delta R.T. 0.003 min

Lab File: VU043514.D

Acq: 04 May 2021 12:37

Tgt Ion: 78 Resp: 4143





#34

Trichloroethene

Concen: 0.27 ug/L

RT: 6.552 min Scan# 1621

Delta R.T. 0.003 min

Lab File: VU043514.D

Acq: 04 May 2021 12:37

Tgt Ion: 95 Resp: 1738

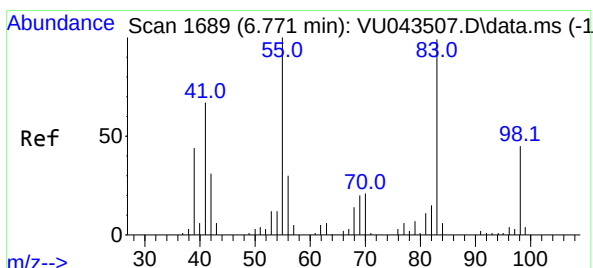
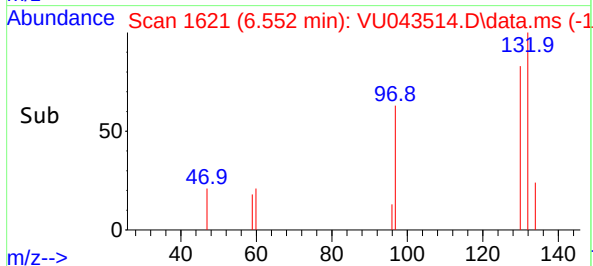
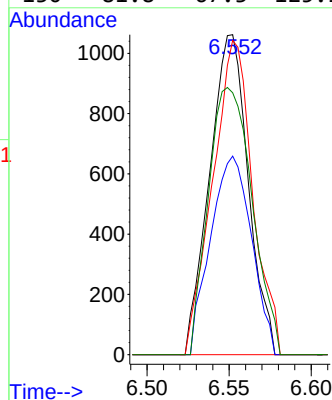
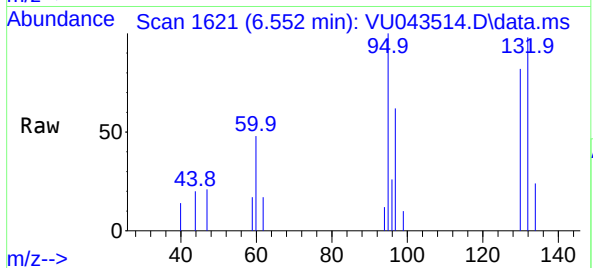
Ion Ratio Lower Upper

95 100

97 62.1 46.5 86.5

132 98.2 64.1 119.1

130 81.8 67.3 125.1



#35

Methylcyclohexane

Concen: 0.24 ug/L

RT: 6.771 min Scan# 1689

Delta R.T. -0.000 min

Lab File: VU043514.D

Acq: 04 May 2021 12:37

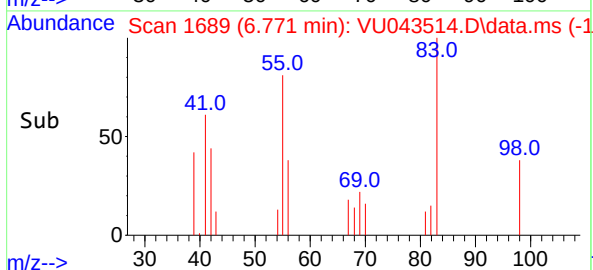
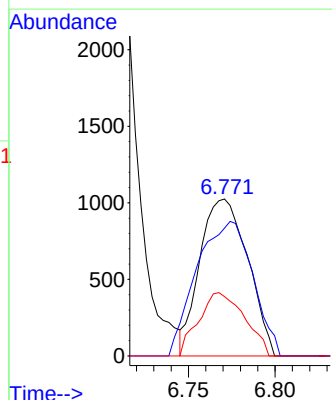
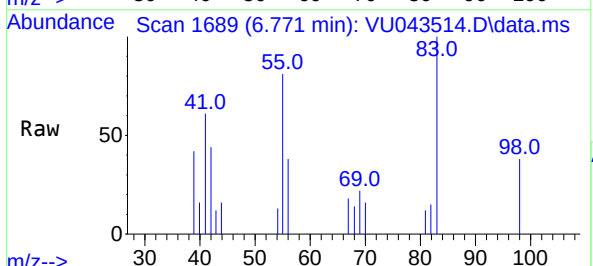
Tgt Ion: 83 Resp: 1974

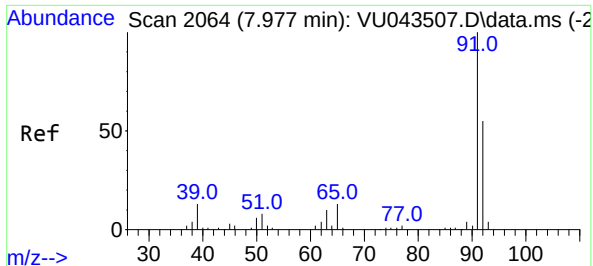
Ion Ratio Lower Upper

83 100

55 99.8 75.8 113.8

98 38.6 35.5 53.3





#42

Toluene

Concen: 0.46 ug/L

RT: 7.977 min Scan# 2064

Delta R.T. -0.000 min

Lab File: VU043514.D

Acq: 04 May 2021 12:37

Tgt Ion: 91 Resp: 11993

Ion Ratio Lower Upper

91 100

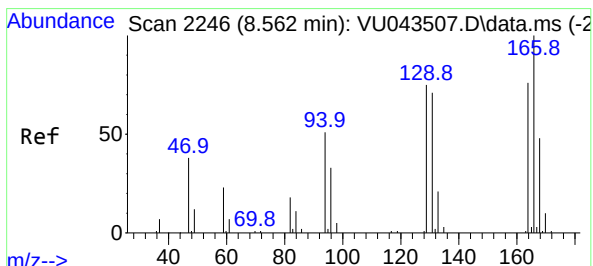
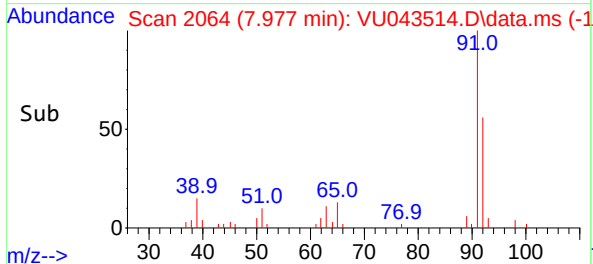
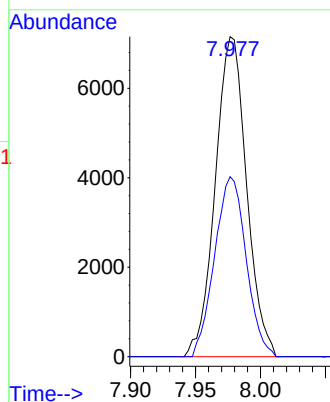
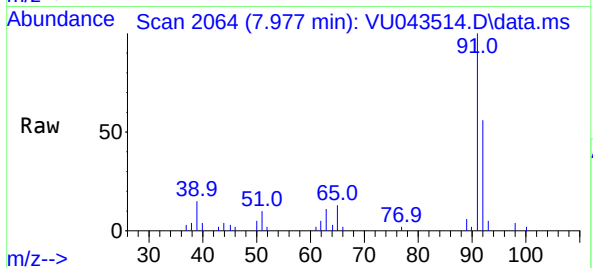
92 56.2 39.1 72.5

Instrument :

MSVOA_U

ClientSampleId :

GB3H4



#47

Tetrachloroethene

Concen: 97.29 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. -0.000 min

Lab File: VU043514.D

Acq: 04 May 2021 12:37

Tgt Ion:164 Resp: 453217

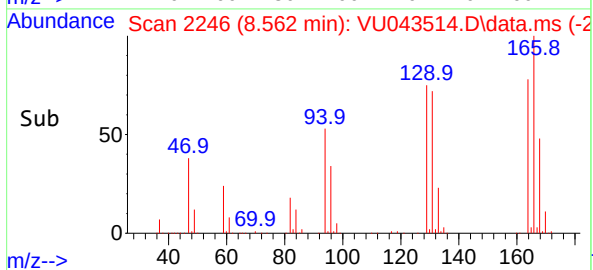
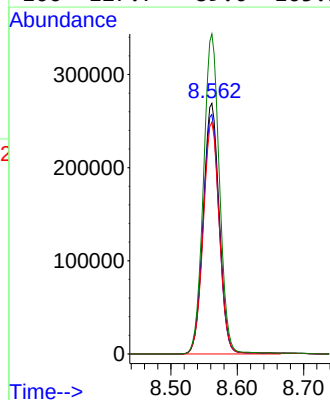
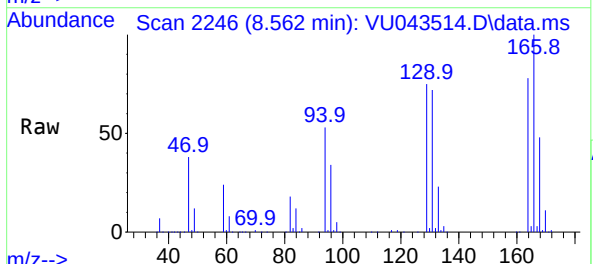
Ion Ratio Lower Upper

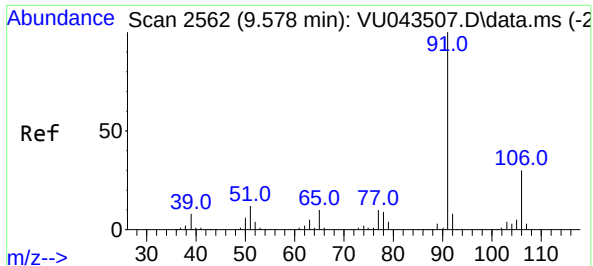
164 100

129 95.5 62.5 116.1

131 92.4 64.9 120.5

166 127.7 89.0 165.2

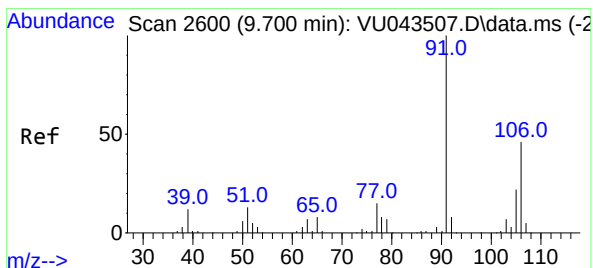
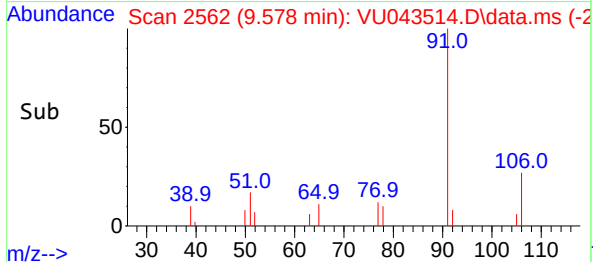
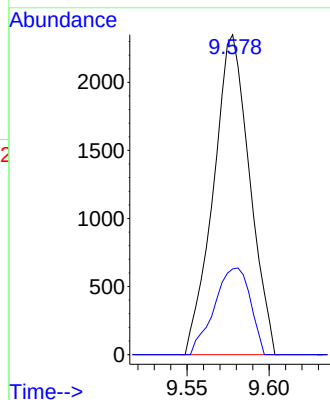
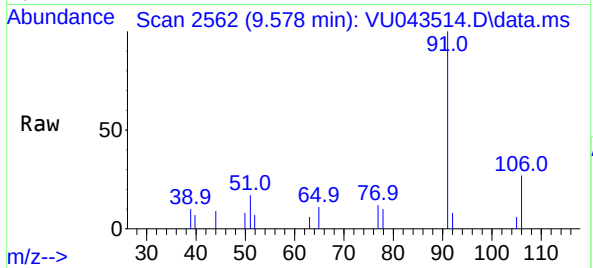




#52
Ethylbenzene
Concen: 0.13 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU043514.D
Acq: 04 May 2021 12:37

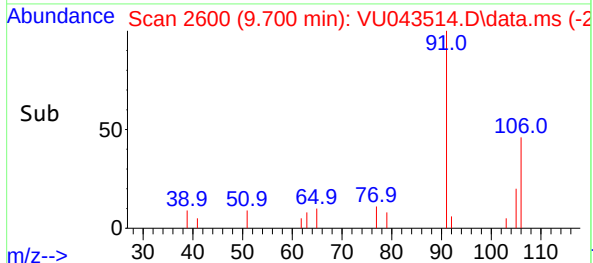
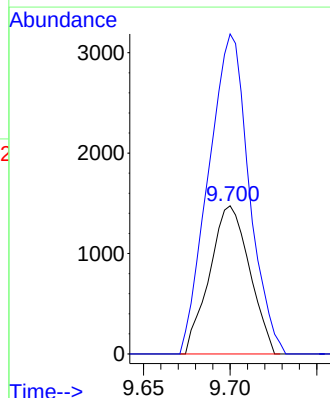
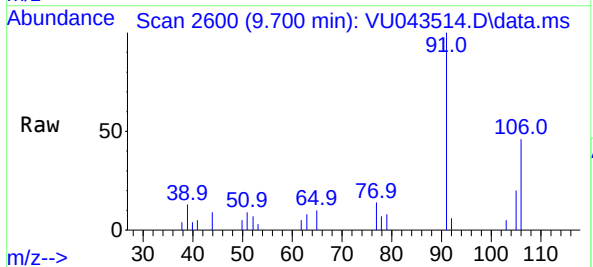
Instrument :
MSVOA_U
ClientSampleId :
GB3H4

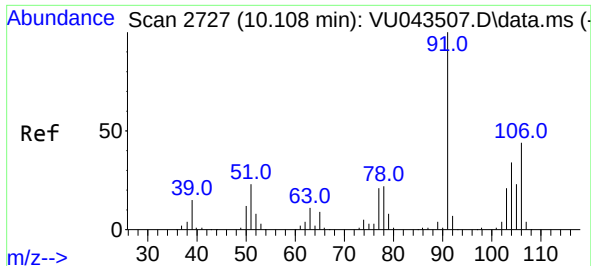
Tgt Ion: 91 Resp: 3593
Ion Ratio Lower Upper
91 100
106 26.8 20.5 38.1



#53
m,p-Xylene
Concen: 0.24 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU043514.D
Acq: 04 May 2021 12:37

Tgt Ion: 106 Resp: 2362
Ion Ratio Lower Upper
106 100
91 216.1 150.3 279.1

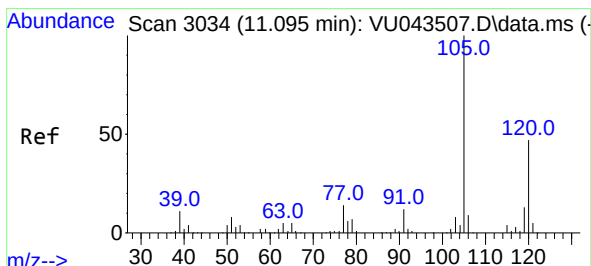
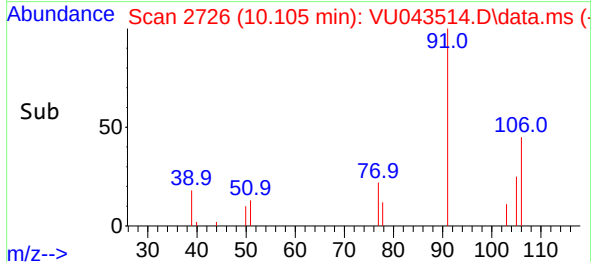
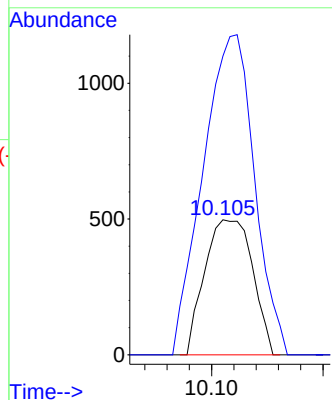
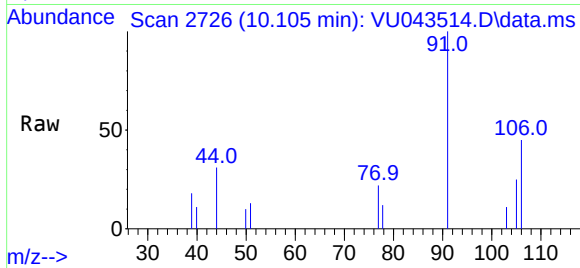




#54
o-Xylene
Concen: 0.08 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.003 min
Lab File: VU043514.D
Acq: 04 May 2021 12:37

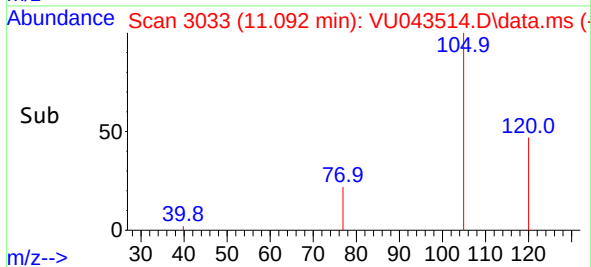
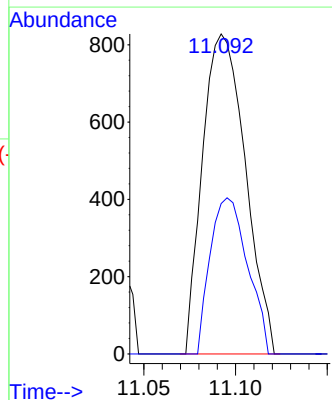
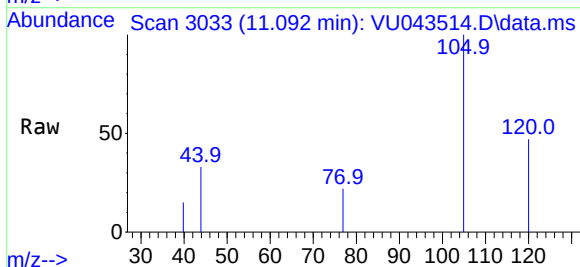
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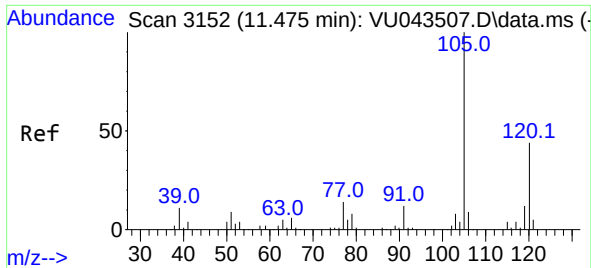
Tgt Ion:106 Resp: 741
Ion Ratio Lower Upper
106 100
91 221.3 157.3 292.1



#62
1,3,5-Trimethylbenzene
Concen: 0.07 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. -0.003 min
Lab File: VU043514.D
Acq: 04 May 2021 12:37

Tgt Ion:105 Resp: 1347
Ion Ratio Lower Upper
105 100
120 42.5 36.6 55.0





#63
1,2,4-Trimethylbenzene
Concen: 0.15 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043514.D
Acq: 04 May 2021 12:37

Instrument :
MSVOA_U
ClientSampleId :
GB3H4

Tgt Ion:105 Resp: 2680
Ion Ratio Lower Upper
105 100
120 50.1 35.4 53.0

