

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081322\
 Data File : VU050313.D
 Acq On : 13 Aug 2022 12:58
 Operator : SY/MD
 Sample : N4115-20 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5E06

Quant Time: Aug 14 01:26:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Aug 14 01:24:58 2022
 Response via : Initial Calibration

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

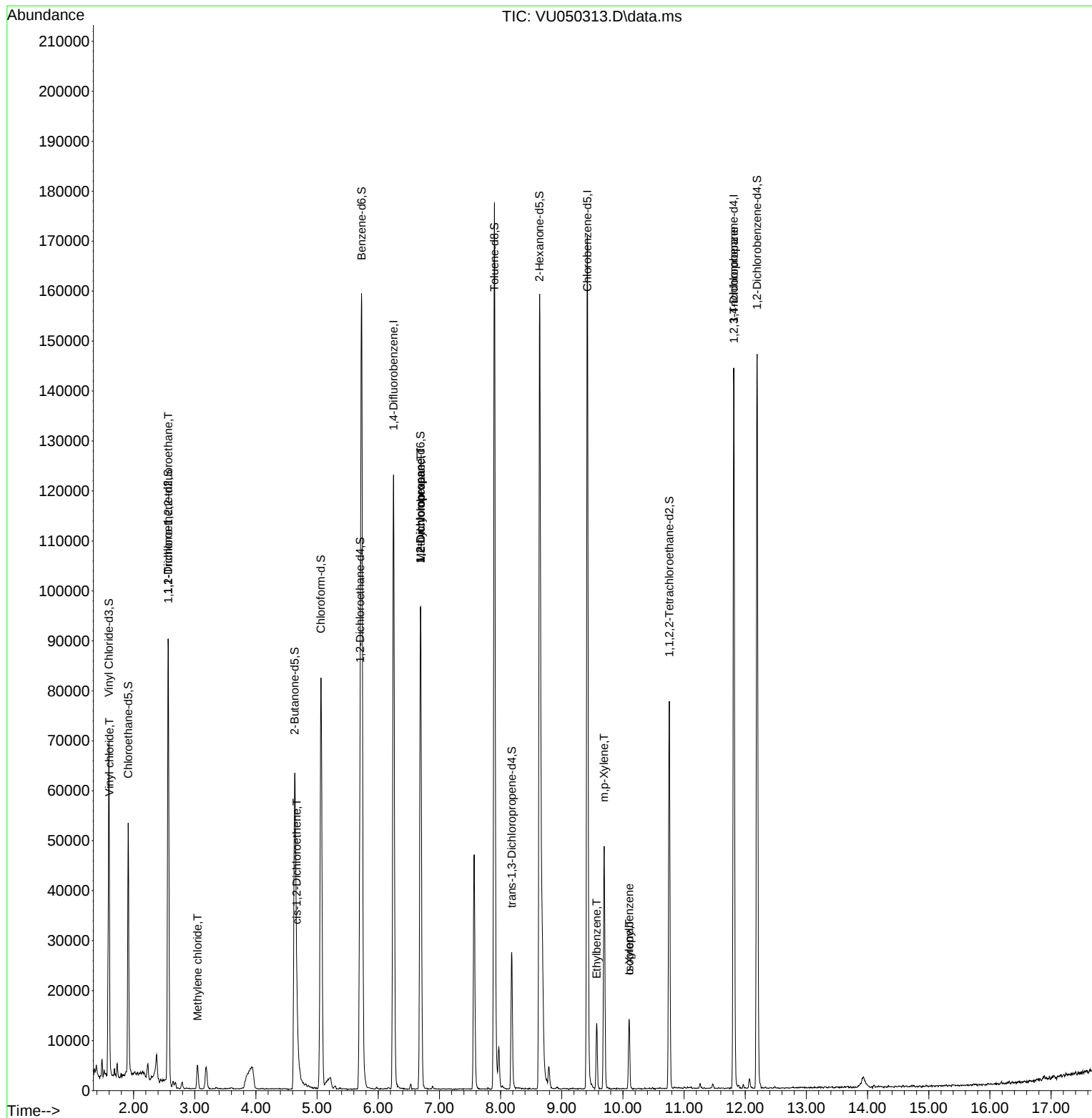
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	101101	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	100685	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	39535	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	44864	5.332	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.600%
7) Chloroethane-d5	1.912	69	36307	5.349	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.000%
11) 1,1-Dichloroethene-d2	2.565	65	16662	5.067	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.400%
20) 2-Butanone-d5	4.632	46	89308	43.528	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.060%
24) Chloroform-d	5.063	84	75988	4.856	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.703	65	38536	4.796	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.729	84	152833	4.864	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	6.690	67	50329	4.864	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.899	98	124549	4.488	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	8.182	79	16628	4.485	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.635	63	50019	38.042	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.080%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39896	4.391	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	40143	5.182	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	1240	0.114	ug/L #	9
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	403	0.061	ug/L #	22
16) Methylene chloride	3.044	84	2376	0.223	ug/L	99
22) cis-1,2-Dichloroethene	4.668	96	1421	0.164	ug/L	97
35) Methylcyclohexane	6.693	83	11383	1.034	ug/L #	18
37) 1,2-Dichloropropane	6.693	63	5320	0.566	ug/L #	89
52) Ethylbenzene	9.571	91	9330	0.270	ug/L	96
53) m,p-Xylene	9.693	106	14211	1.118	ug/L	98
54) o-Xylene	10.102	106	3891	0.307	ug/L	96
60) Isopropylbenzene	10.102	105	1909	0.072	ug/L #	22
61) 1,2,3-Trichloropropane	11.815	75	4932	0.916	ug/L #	67

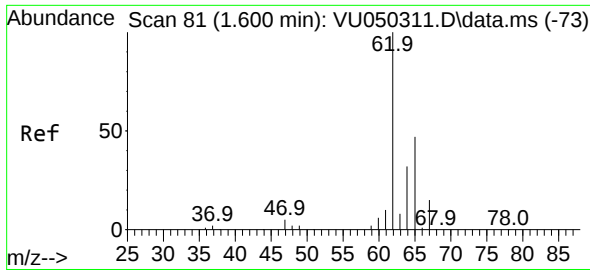
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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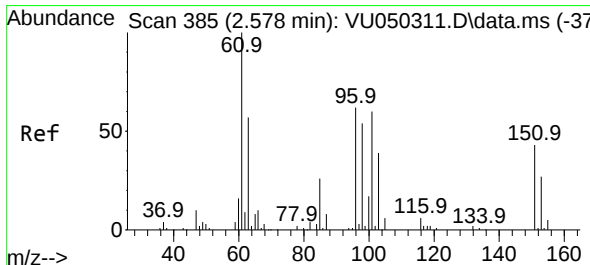
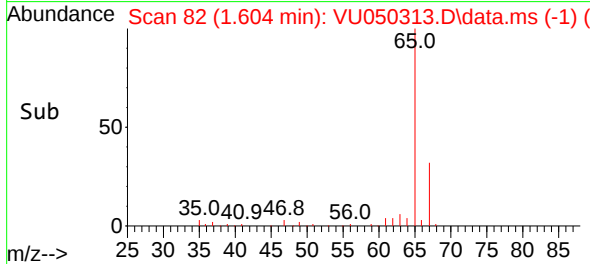
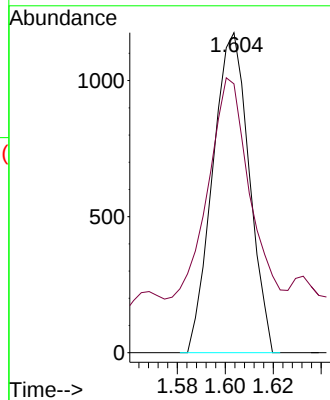
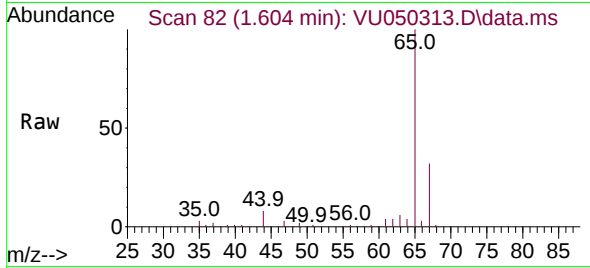




#5
 Vinyl chloride
 Concen: 0.114 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU050313.D
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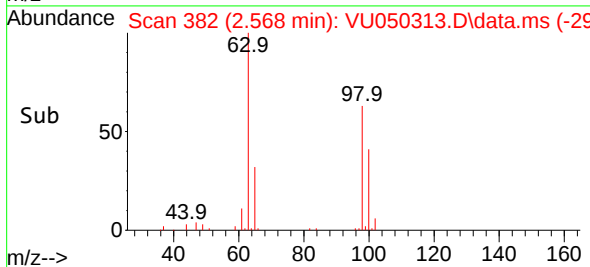
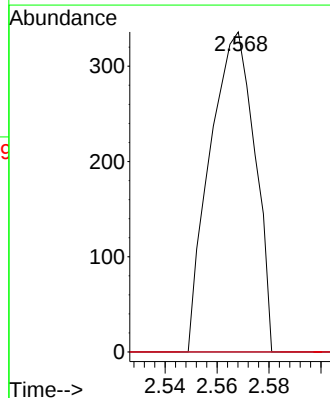
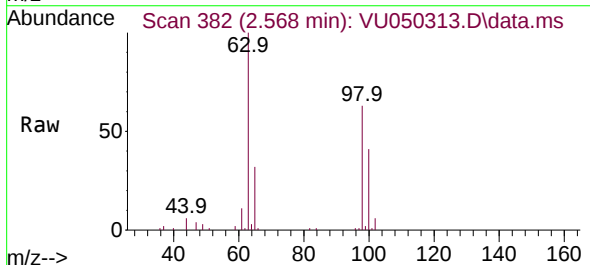
Instrument :
 MSVOA_U
 ClientSampleId :
 F5E06

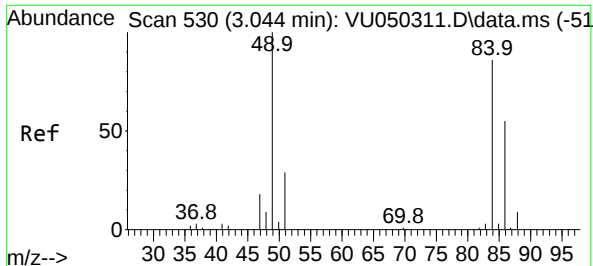
Tgt Ion: 62 Resp: 1240
 Ion Ratio Lower Upper
 62 100
 64 84.0 22.8 42.4#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.061 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.010 min
 Lab File: VU050313.D
 Acq: 13 Aug 2022 12:58

Tgt Ion: 101 Resp: 403
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 55.2 82.8#

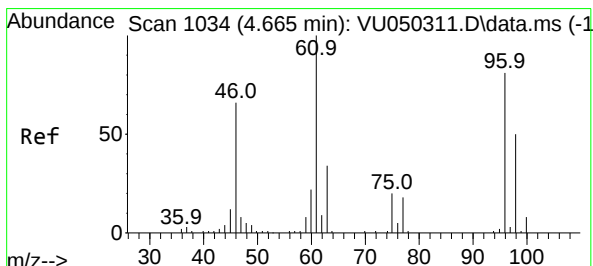
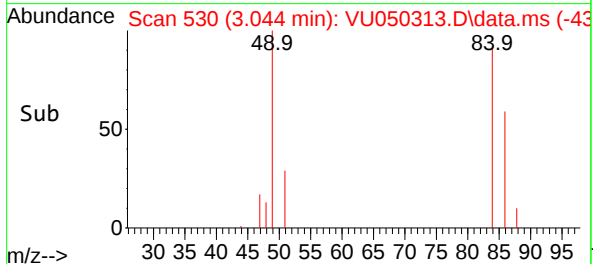
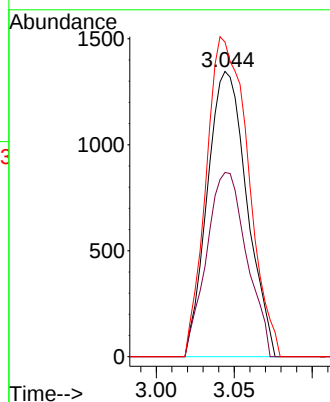
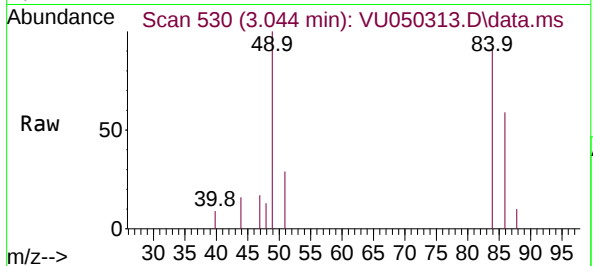




#16
Methylene chloride
Concen: 0.223 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU050313.D
Acq: 13 Aug 2022 12:58

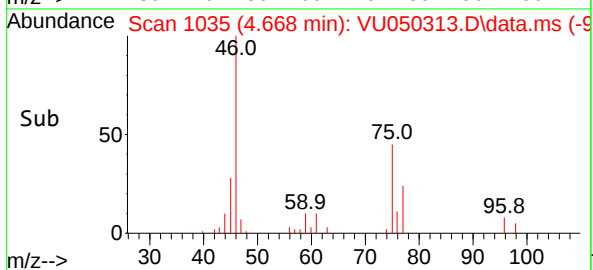
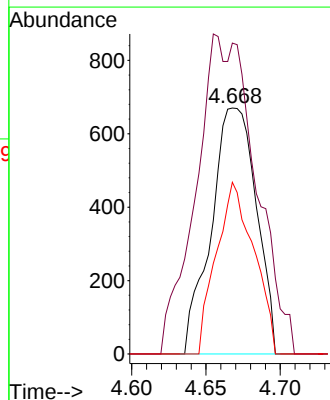
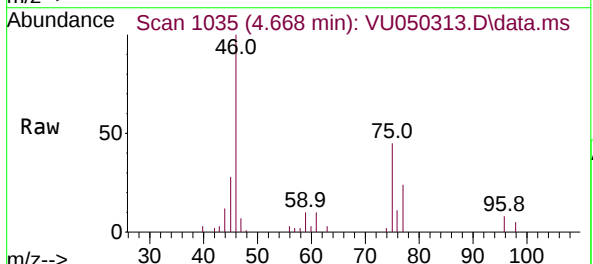
Instrument :
MSVOA_U
ClientSampleId :
F5E06

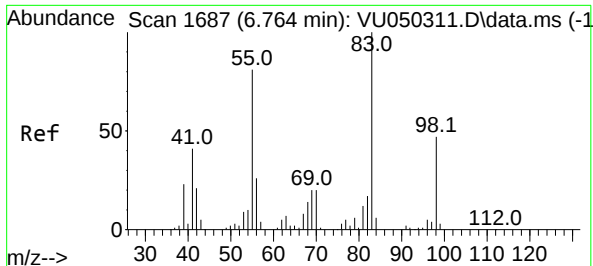
Tgt Ion: 84 Resp: 2376
Ion Ratio Lower Upper
84 100
86 64.6 45.9 85.3
49 110.3 77.6 144.0



#22
cis-1,2-Dichloroethene
Concen: 0.164 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VU050313.D
Acq: 13 Aug 2022 12:58

Tgt Ion: 96 Resp: 1421
Ion Ratio Lower Upper
96 100
61 126.4 89.0 165.4
98 69.9 45.2 84.0





#35

Methylcyclohexane

Concen: 1.034 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU050313.D

Acq: 13 Aug 2022 12:58

Instrument :

MSVOA_U

ClientSampleId :

F5E06

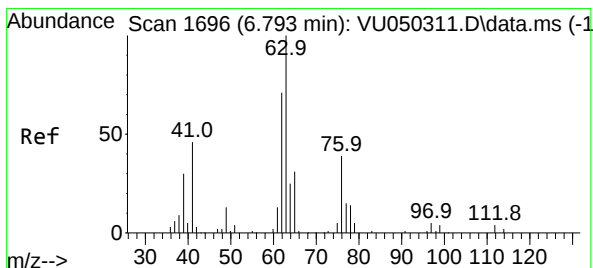
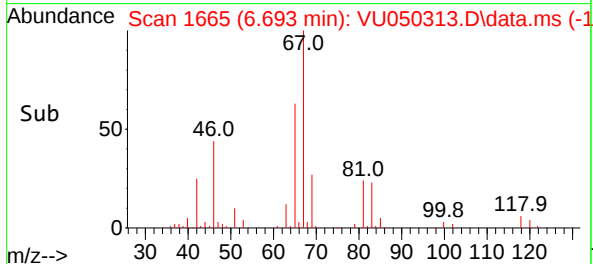
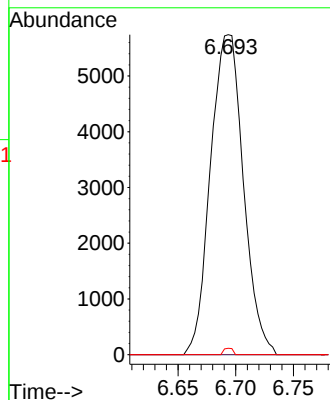
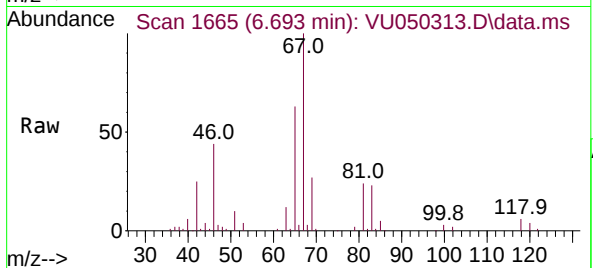
Tgt Ion: 83 Resp: 11383

Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 0.6 36.2 54.2#



#37

1,2-Dichloropropane

Concen: 0.566 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU050313.D

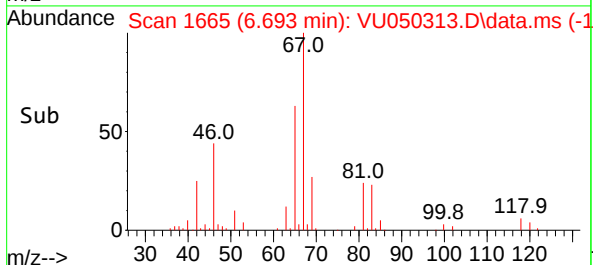
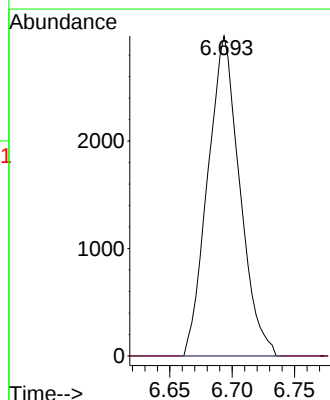
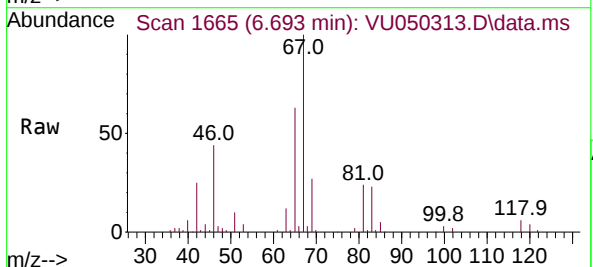
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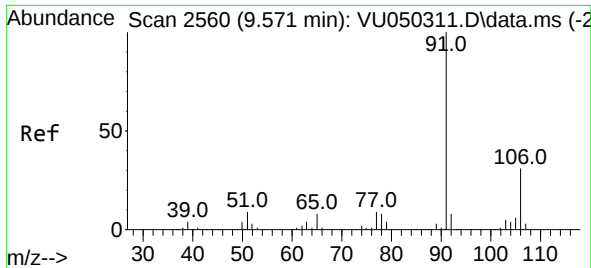
Tgt Ion: 63 Resp: 5320

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#

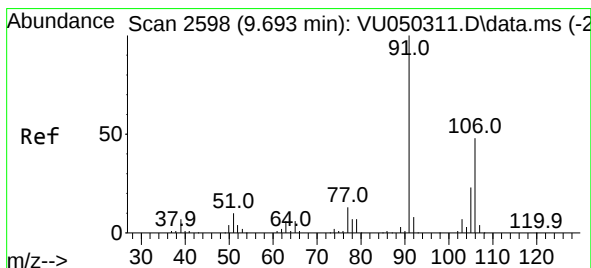
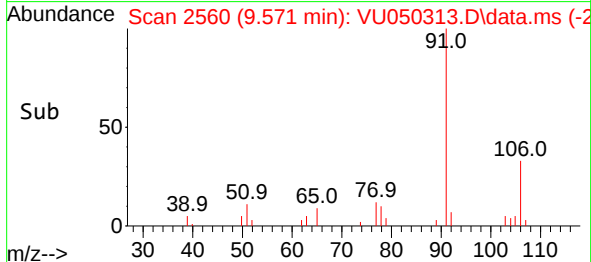
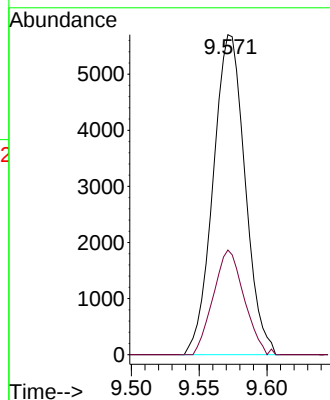
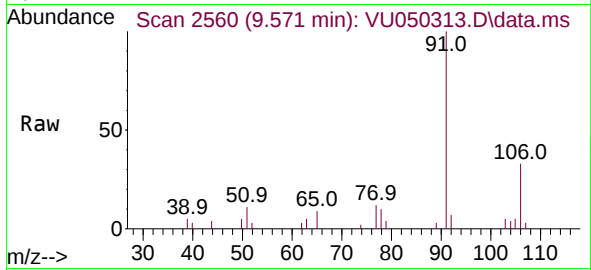




#52
Ethylbenzene
Concen: 0.270 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU050313.D
Acq: 13 Aug 2022 12:58

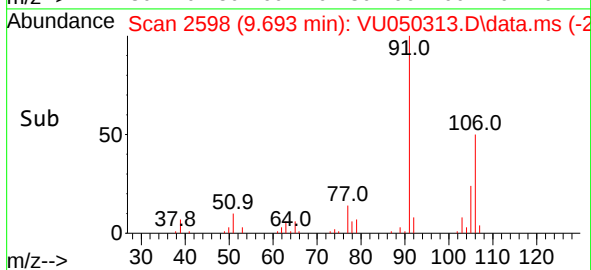
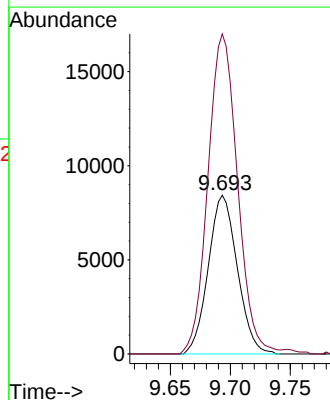
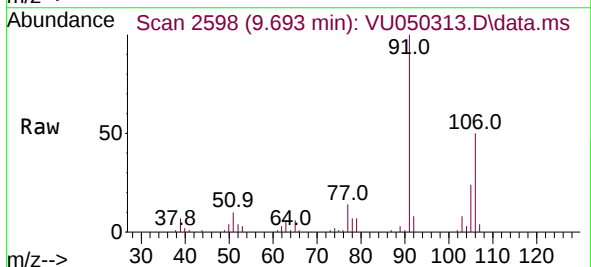
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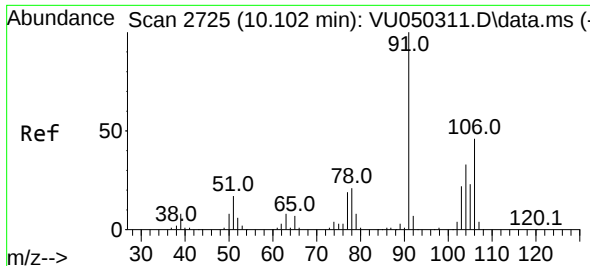
Tgt Ion: 91 Resp: 9330
Ion Ratio Lower Upper
91 100
106 32.7 21.3 39.5



#53
m,p-Xylene
Concen: 1.118 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU050313.D
Acq: 13 Aug 2022 12:58

Tgt Ion: 106 Resp: 14211
Ion Ratio Lower Upper
106 100
91 201.5 143.1 265.9

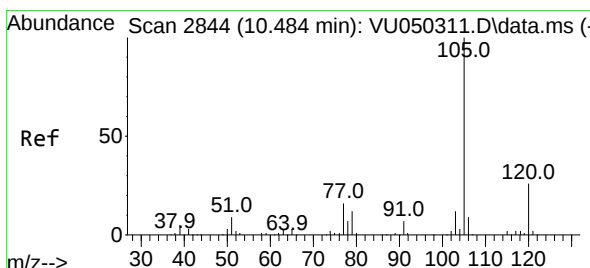
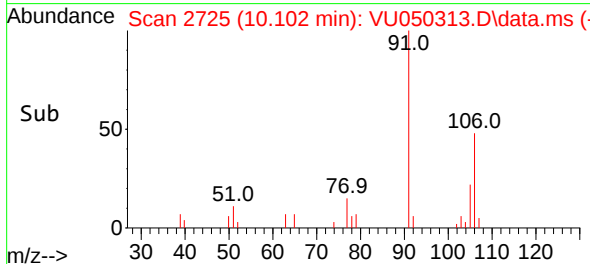
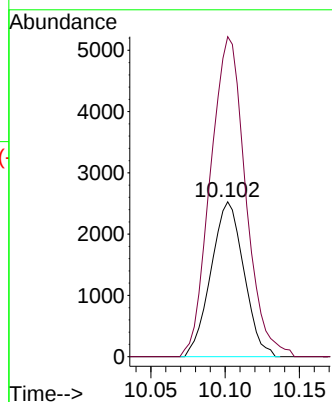
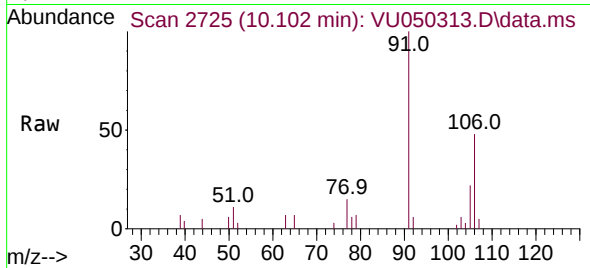




#54
o-Xylene
Concen: 0.307 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU050313.D
Acq: 13 Aug 2022 12:58

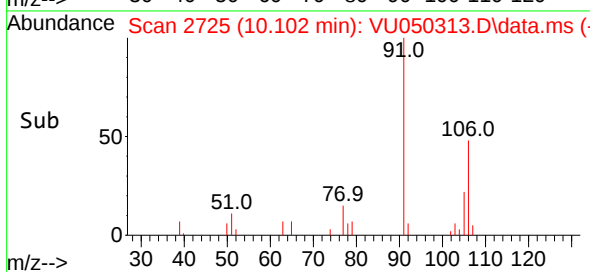
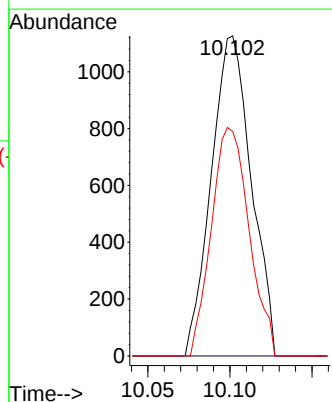
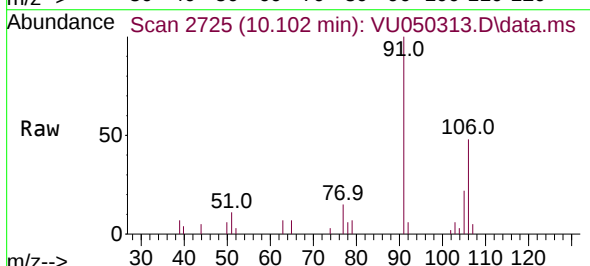
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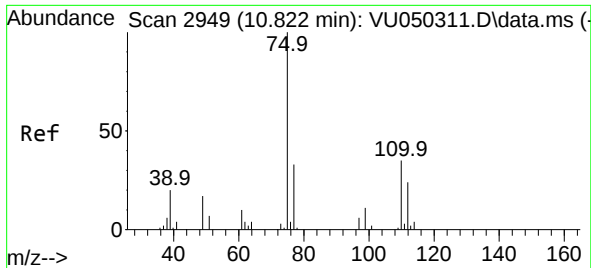
Tgt Ion:106 Resp: 3891
Ion Ratio Lower Upper
106 100
91 206.5 149.4 277.4



#60
Isopropylbenzene
Concen: 0.072 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.383 min
Lab File: VU050313.D
Acq: 13 Aug 2022 12:58

Tgt Ion:105 Resp: 1909
Ion Ratio Lower Upper
105 100
120 0.0 20.8 31.2#
77 67.3 12.6 19.0#





#61

1,2,3-Trichloropropane

Concen: 0.916 ug/L

RT: 11.815 min Scan# 31

Delta R.T. 0.994 min

Lab File: VU050313.D

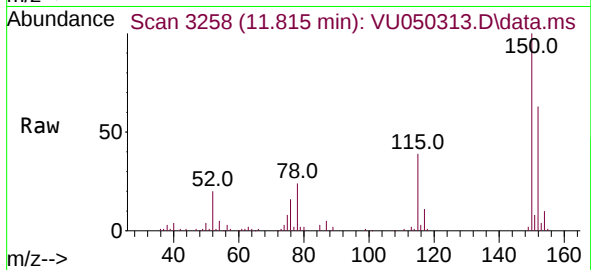
Acq: 13 Aug 2022 12:58

Instrument :

MSVOA_U

ClientSampleId :

F5E06



Tgt Ion: 75 Resp: 4932

Ion Ratio Lower Upper

75 100

110 0.0 28.5 42.7#

77 32.9 25.8 38.6

