

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
 Data File : VU051507.D
 Acq On : 26 Oct 2022 17:18
 Operator : JC/MD
 Sample : N5270-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHA94

Quant Time: Oct 27 05:36:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 27 05:28:43 2022
 Response via : Initial Calibration

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

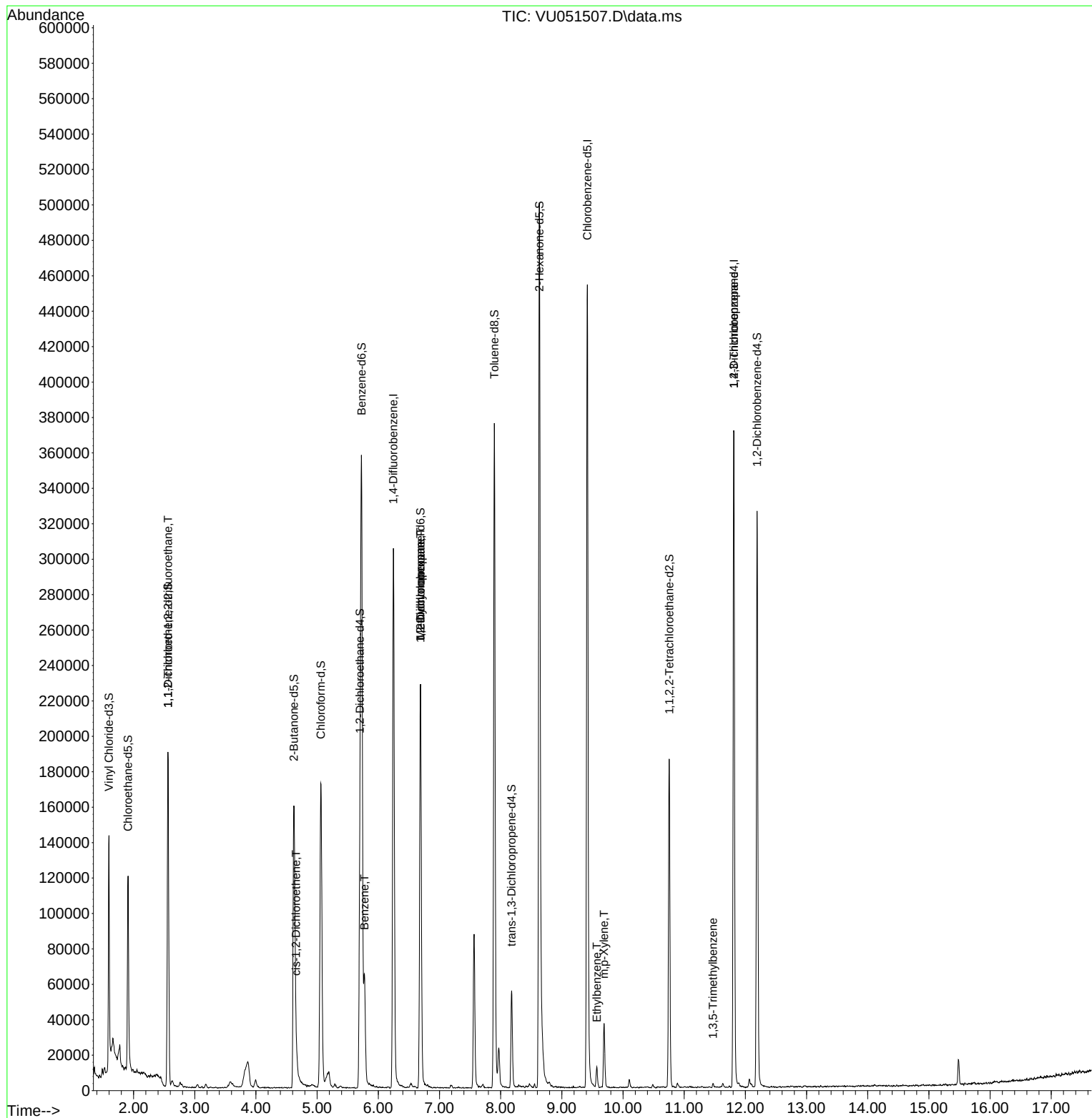
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	251670	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	260184	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	102551	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	94119	4.636	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.800%
7) Chloroethane-d5	1.909	69	88394	5.068	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.400%
11) 1,1-Dichloroethene-d2	2.562	65	36262	4.519	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.400%
20) 2-Butanone-d5	4.620	46	235774	52.751	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.500%
24) Chloroform-d	5.060	84	164421	4.344	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.700	65	89918	4.607	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.726	84	344124	4.808	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.690	67	116218	4.781	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.896	98	262645	4.101	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	8.179	79	32763	4.102	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.632	63	163670	60.807	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.620%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	94573	4.870	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	89010	4.994	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1322	0.068	ug/L #	21
22) cis-1,2-Dichloroethene	4.655	96	1101	0.051	ug/L #	89
33) Benzene	5.774	78	61606	0.709	ug/L	100
35) Methylcyclohexane	6.690	83	25974	0.950	ug/L #	17
37) 1,2-Dichloropropane	6.687	63	11220	0.471	ug/L #	88
52) Ethylbenzene	9.571	91	8010	0.097	ug/L	93
53) m,p-Xylene	9.690	106	10181	0.317	ug/L	85
61) 1,2,3-Trichloropropane	11.812	75	12537	0.968	ug/L #	69
62) 1,3,5-Trimethylbenzene	11.472	105	1524	0.088	ug/L	94

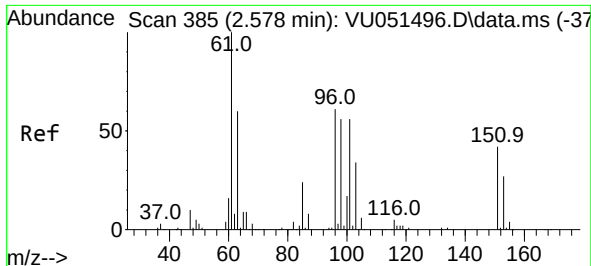
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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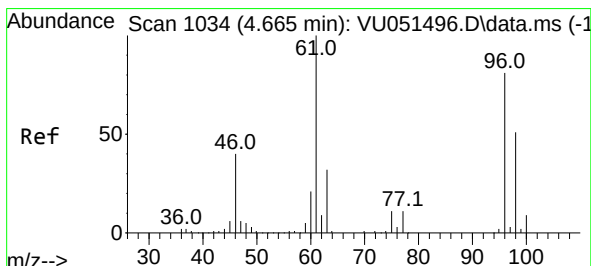
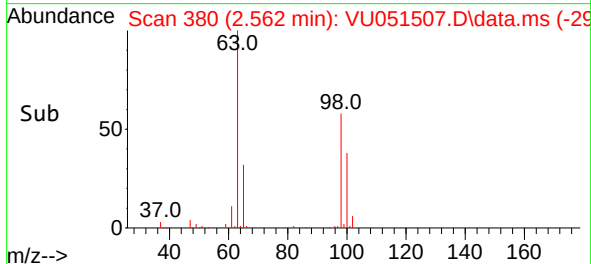
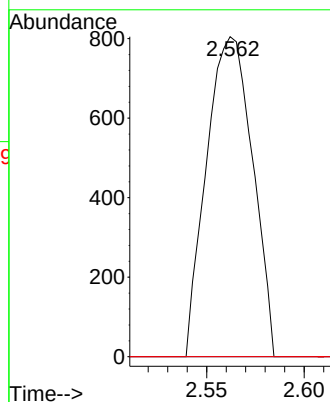
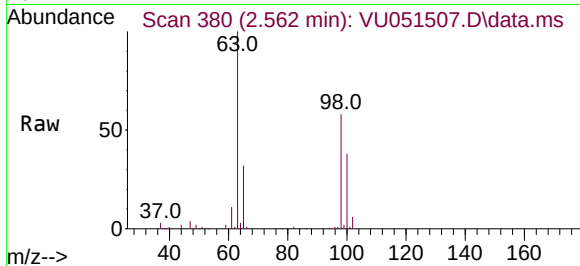




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.068 ug/L
 RT: 2.562 min Scan# 31
 Delta R.T. -0.016 min
 Lab File: VU051507.D
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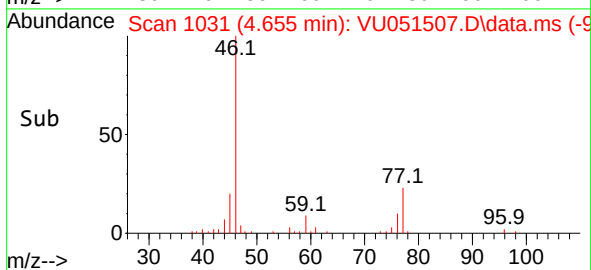
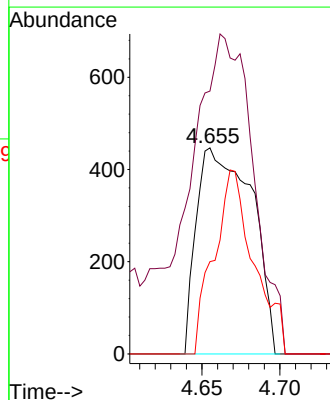
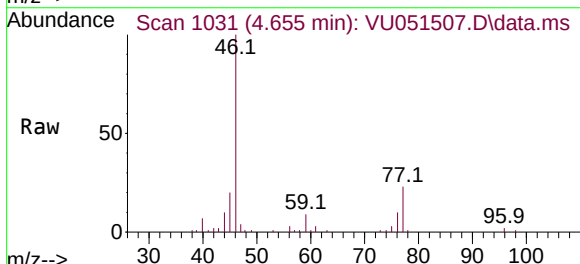
Instrument :
 MSVOA_U
 ClientSampleId :
 BHA94

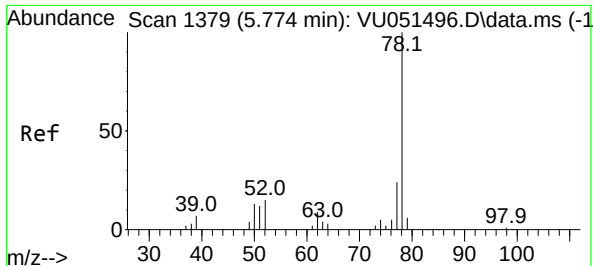
Tgt Ion:101 Resp: 1322
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.5 84.7#



#22
 cis-1,2-Dichloroethene
 Concen: 0.051 ug/L
 RT: 4.655 min Scan# 1031
 Delta R.T. -0.010 min
 Lab File: VU051507.D
 Acq: 26 Oct 2022 17:18

Tgt Ion: 96 Resp: 1101
 Ion Ratio Lower Upper
 96 100
 61 127.5 90.6 168.2
 98 44.7 47.5 88.3#

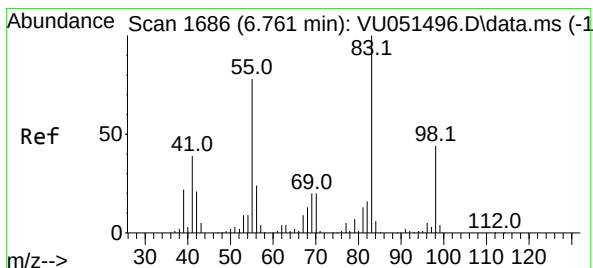
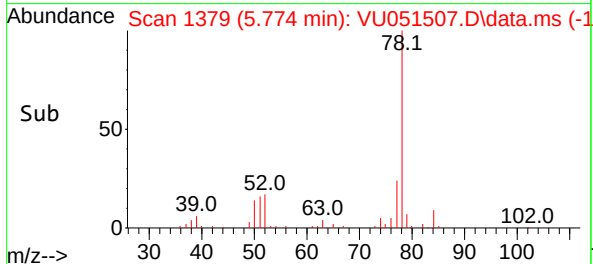
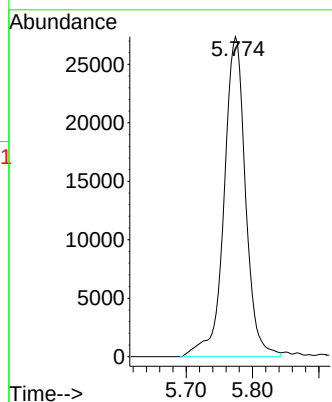
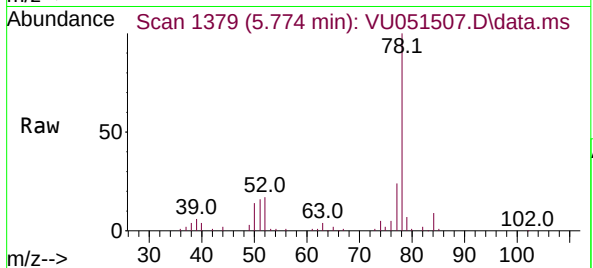




#33
Benzene
Concen: 0.709 ug/L
RT: 5.774 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU051507.D
Acq: 26 Oct 2022 17:18

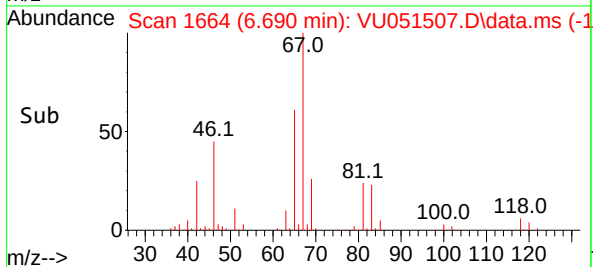
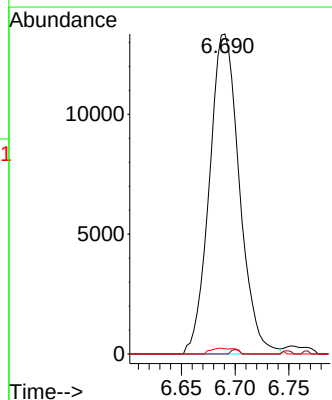
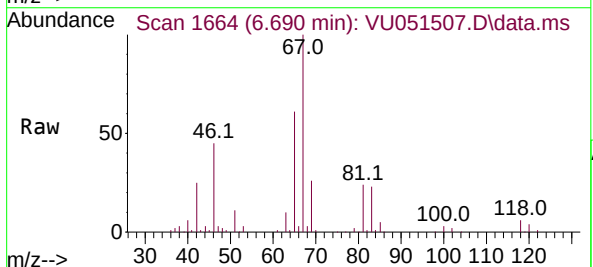
Instrument :
MSVOA_U
ClientSampleId :
BHA94

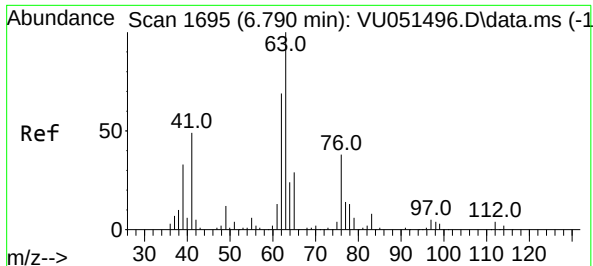
Tgt Ion: 78 Resp: 61606



#35
Methylcyclohexane
Concen: 0.950 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU051507.D
Acq: 26 Oct 2022 17:18

Tgt Ion: 83 Resp: 25974
Ion Ratio Lower Upper
83 100
55 0.4 65.8 98.6#
98 1.5 35.9 53.9#





#37

1,2-Dichloropropane

Concen: 0.471 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU051507.D

Acq: 26 Oct 2022 17:18

Instrument :

MSVOA_U

ClientSampleId :

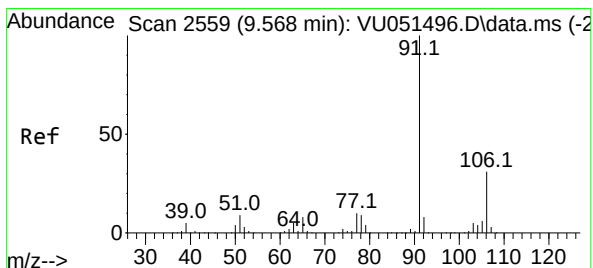
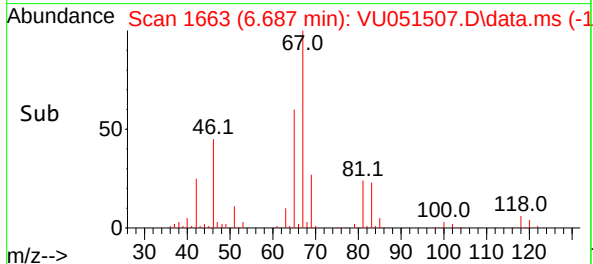
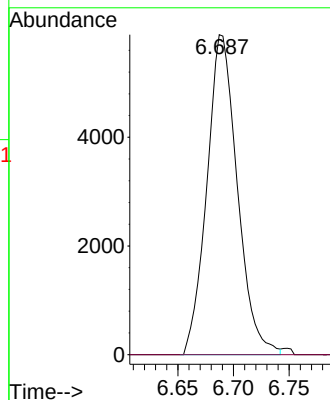
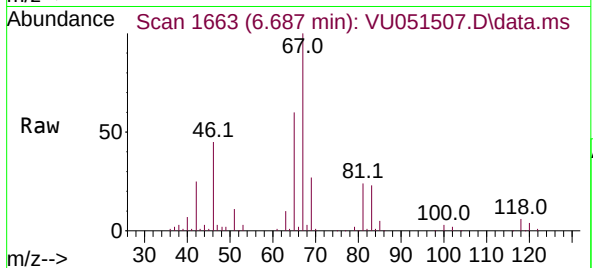
BHA94

Tgt Ion: 63 Resp: 11220

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#52

Ethylbenzene

Concen: 0.097 ug/L

RT: 9.571 min Scan# 2560

Delta R.T. 0.003 min

Lab File: VU051507.D

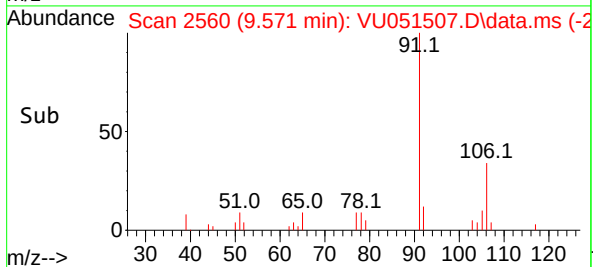
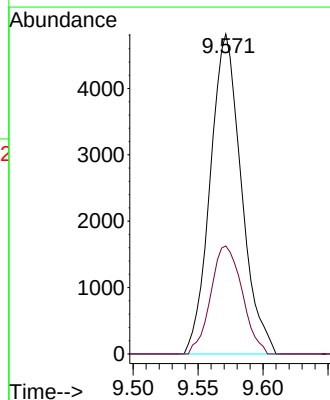
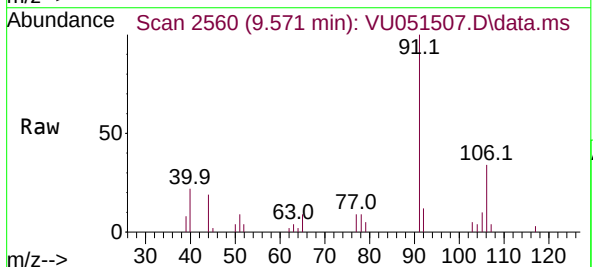
Acq: 26 Oct 2022 17:18

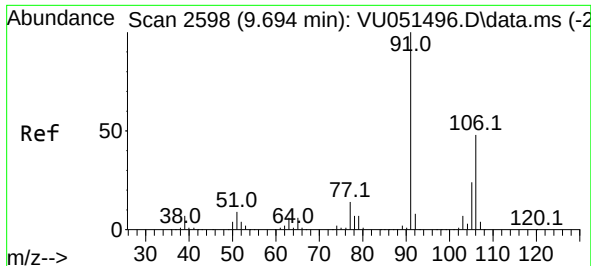
Tgt Ion: 91 Resp: 8010

Ion Ratio Lower Upper

91 100

106 33.7 20.9 38.7

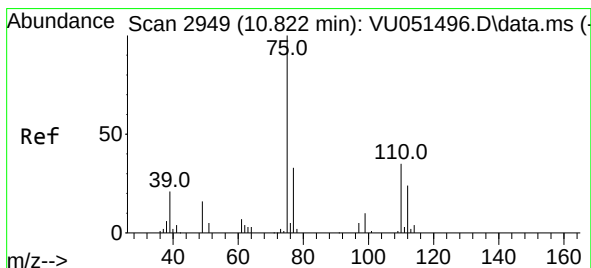
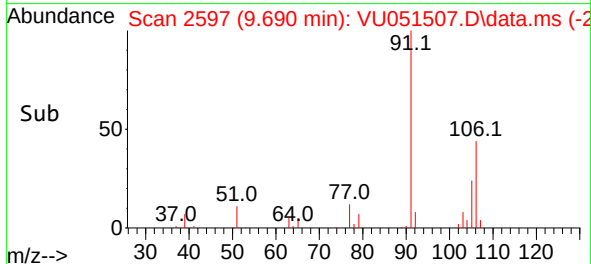
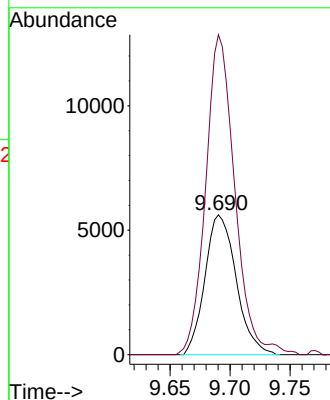
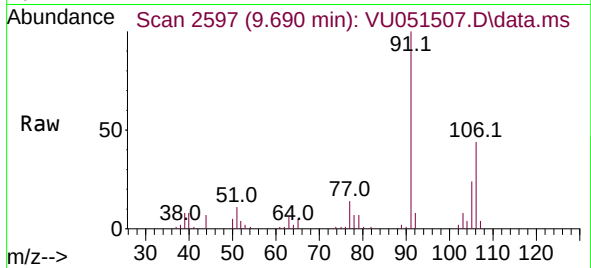




#53
m,p-Xylene
Concen: 0.317 ug/L
RT: 9.690 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU051507.D
Acq: 26 Oct 2022 17:18

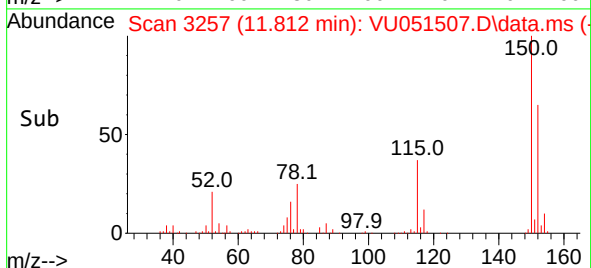
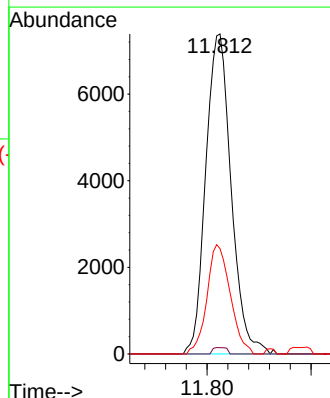
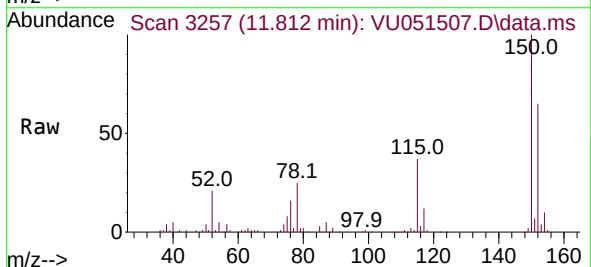
Instrument :
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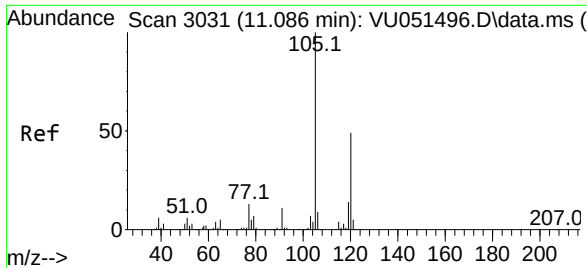
Tgt Ion:106 Resp: 10181
Ion Ratio Lower Upper
106 100
91 228.7 143.9 267.3



#61
1,2,3-Trichloropropane
Concen: 0.968 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU051507.D
Acq: 26 Oct 2022 17:18

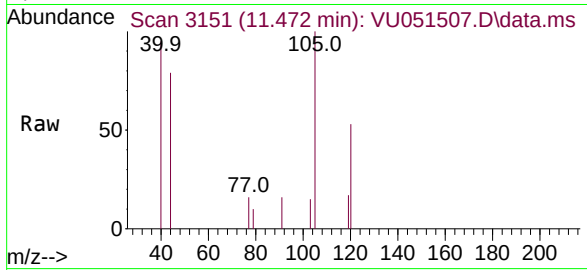
Tgt Ion: 75 Resp: 12537
Ion Ratio Lower Upper
75 100
110 1.1 27.0 40.6#
77 31.3 26.4 39.6





#62
 1,3,5-Trimethylbenzene
 Concen: 0.088 ug/L
 RT: 11.472 min Scan# 31
 Delta R.T. 0.386 min
 Lab File: VU051507.D
 Acq: 26 Oct 2022 17:18

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:105 Resp: 1524
 Ion Ratio Lower Upper
 105 100
 120 43.4 37.7 56.5

