

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
 Data File : VU051307.D
 Acq On : 09 Oct 2022 18:06
 Operator : JC/MD
 Sample : N5013-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHA43

Quant Time: Oct 10 01:29:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 10 01:25:26 2022
 Response via : Initial Calibration

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

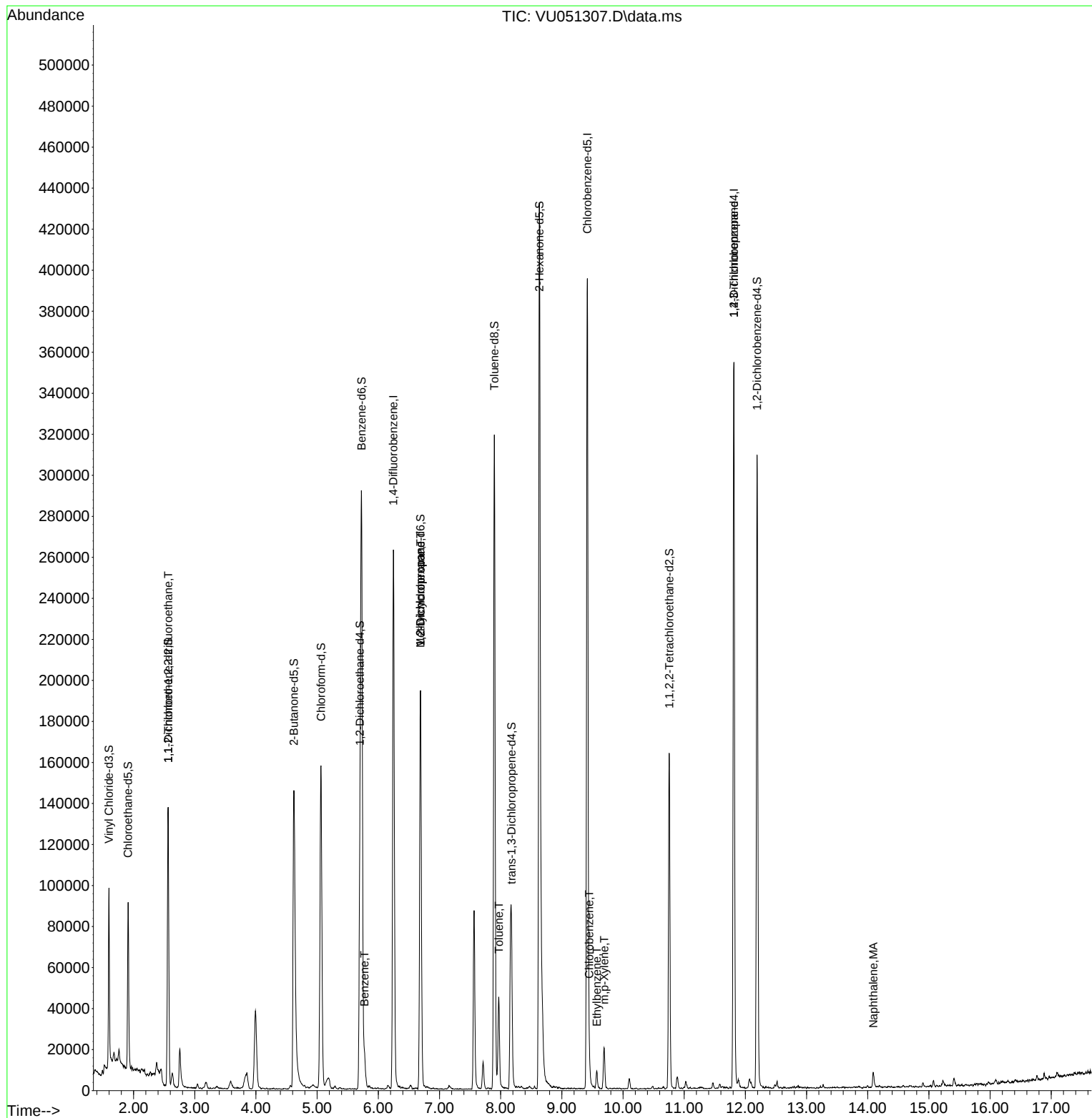
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	209003	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	224357	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	93107	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	62367	3.699	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.000%
7) Chloroethane-d5	1.909	69	59324	4.095	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.000%
11) 1,1-Dichloroethene-d2	2.565	65	26553	3.984	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.600%
20) 2-Butanone-d5	4.620	46	216104	58.221	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.440%
24) Chloroform-d	5.063	84	143314	4.560	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.700	65	79560	4.908	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.726	84	275263	4.460	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.690	67	96783	4.617	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.896	98	218955	3.965	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
43) trans-1,3-Dichloroprop...	8.179	79	31199	4.530	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.632	63	127901	55.106	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.220%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	84604	5.053	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	80216	4.957	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	766	0.047	ug/L #	21
33) Benzene	5.774	78	13031	0.174	ug/L	100
35) Methylcyclohexane	6.687	83	21701	0.921	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	10089	0.491	ug/L #	88
42) Toluene	7.970	91	32728	0.412	ug/L	97
51) Chlorobenzene	9.446	112	6601	0.139	ug/L	94
52) Ethylbenzene	9.571	91	5931	0.083	ug/L	98
53) m,p-Xylene	9.693	106	5412	0.195	ug/L	91
61) 1,2,3-Trichloropropane	11.812	75	12420	1.056	ug/L #	70
71) Naphthalene	14.092	128	7268	0.274	ug/L	98

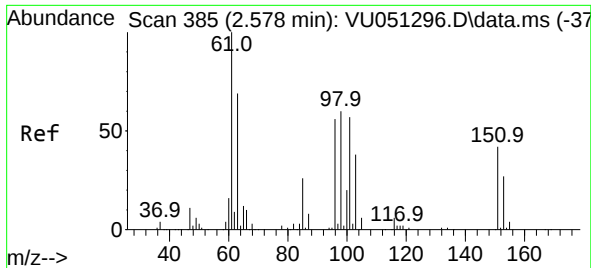
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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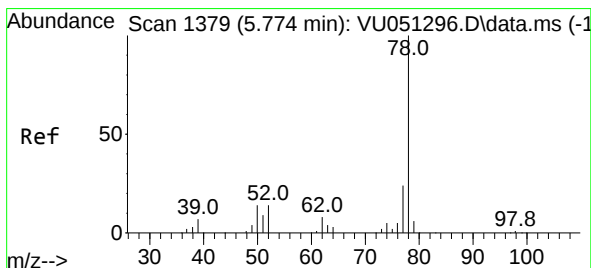
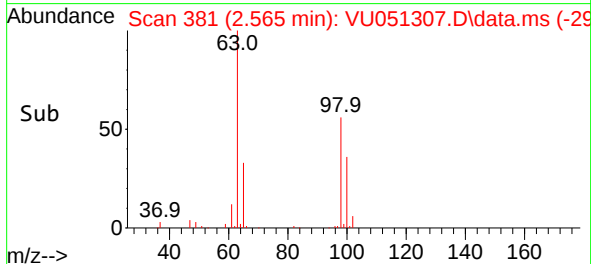
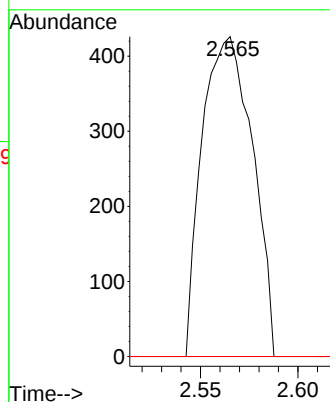
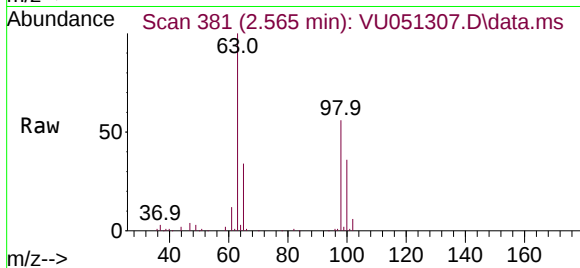




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.047 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU051307.D
Acq: 09 Oct 2022 18:06

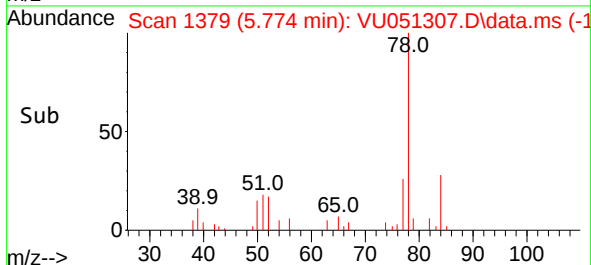
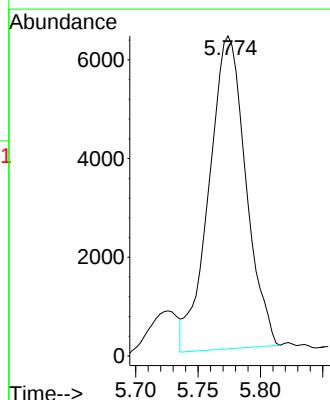
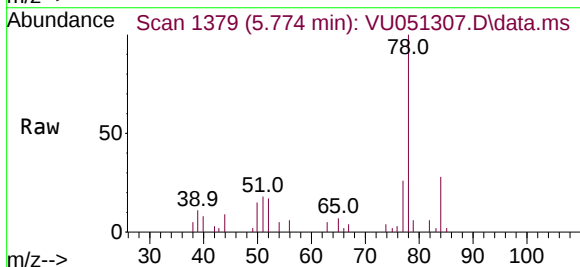
Instrument :
MSVOA_U
ClientSampleId :
BHA43

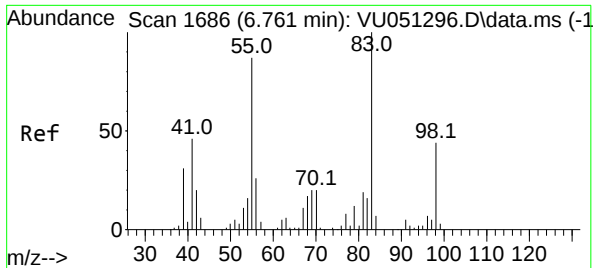
Tgt Ion:101 Resp: 766
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.5 84.7#



#33
Benzene
Concen: 0.174 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU051307.D
Acq: 09 Oct 2022 18:06

Tgt Ion: 78 Resp: 13031

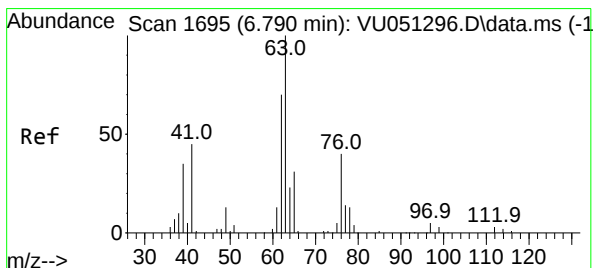
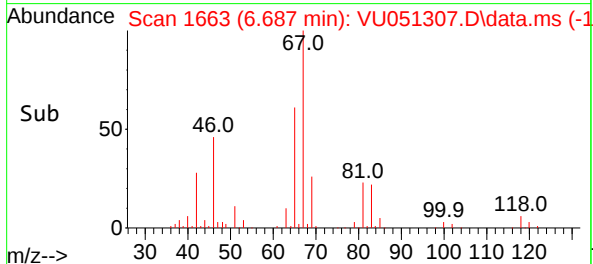
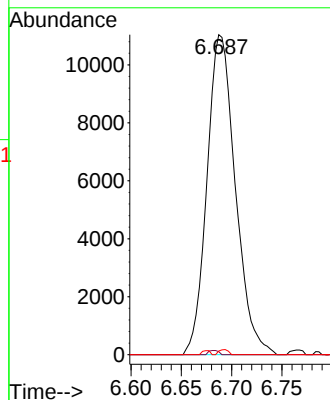
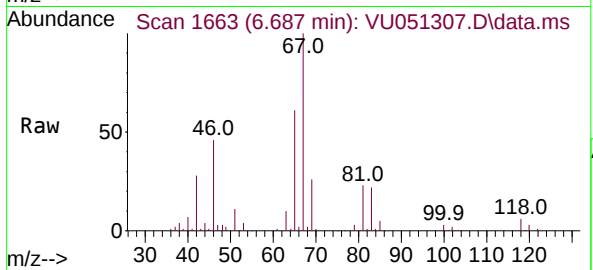




#35
Methylcyclohexane
Concen: 0.921 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU051307.D
Acq: 09 Oct 2022 18:06

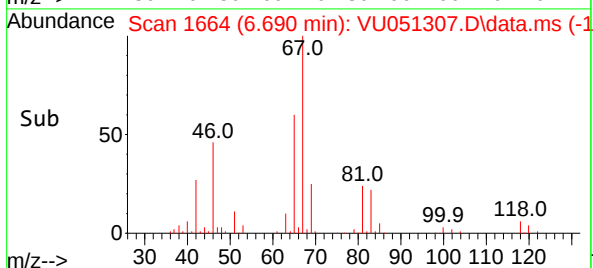
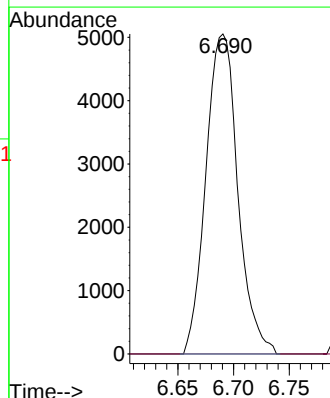
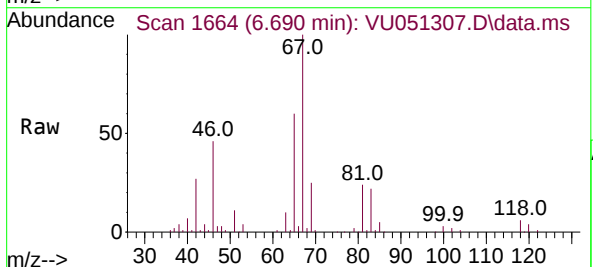
Instrument :
MSVOA_U
ClientSampleId :
BHA43

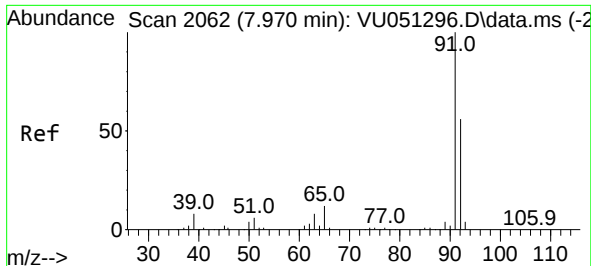
Tgt Ion: 83 Resp: 21701
Ion Ratio Lower Upper
83 100
55 0.5 65.8 98.6#
98 0.5 35.9 53.9#



#37
1,2-Dichloropropane
Concen: 0.491 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU051307.D
Acq: 09 Oct 2022 18:06

Tgt Ion: 63 Resp: 10089
Ion Ratio Lower Upper
63 100
112 0.2 3.2 4.8#





#42

Toluene

Concen: 0.412 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU051307.D

Acq: 09 Oct 2022 18:06

Instrument :

MSVOA_U

ClientSampleId :

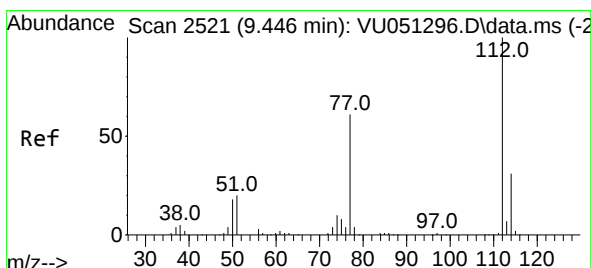
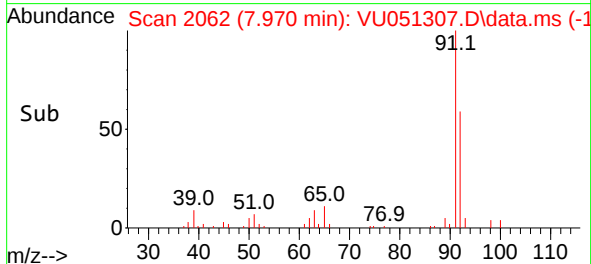
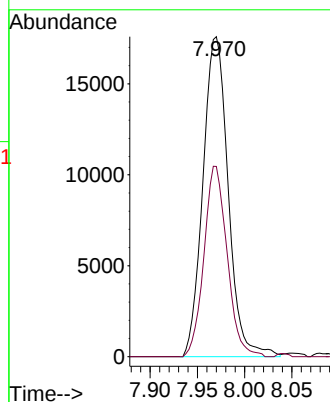
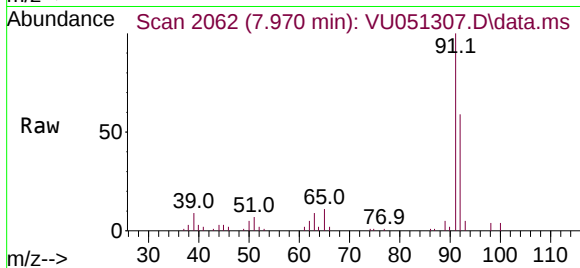
BHA43

Tgt Ion: 91 Resp: 32728

Ion Ratio Lower Upper

91 100

92 59.4 39.9 74.1



#51

Chlorobenzene

Concen: 0.139 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU051307.D

Acq: 09 Oct 2022 18:06

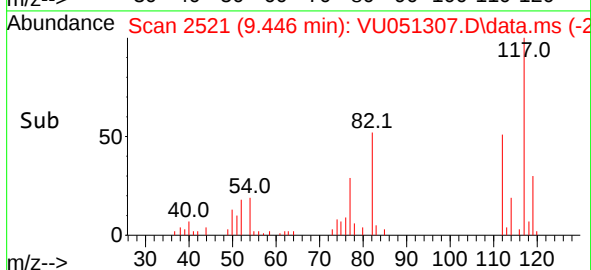
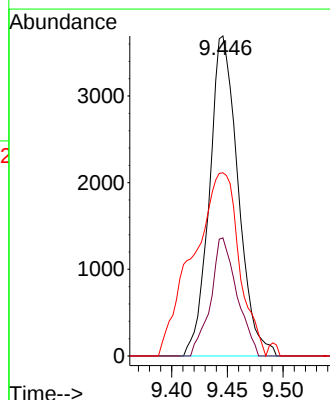
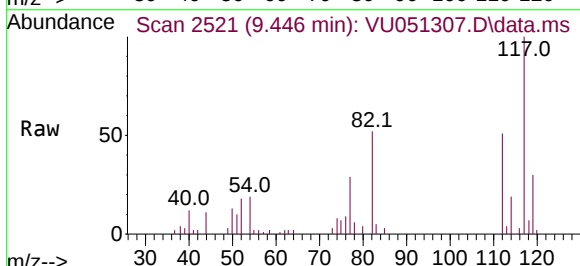
Tgt Ion: 112 Resp: 6601

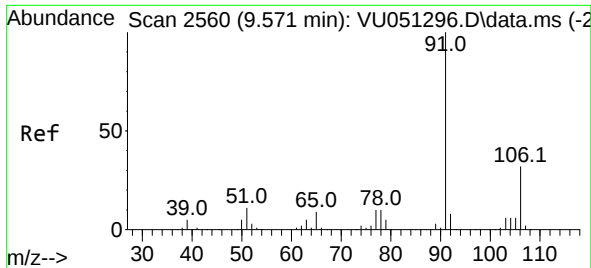
Ion Ratio Lower Upper

112 100

114 36.9 22.3 41.5

77 57.2 48.1 72.1

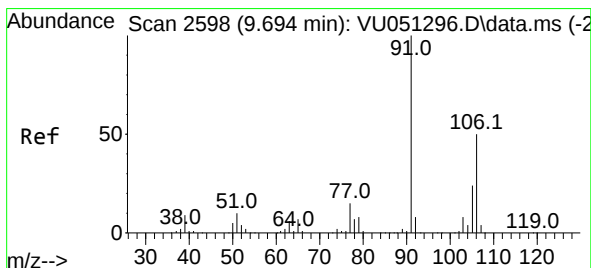
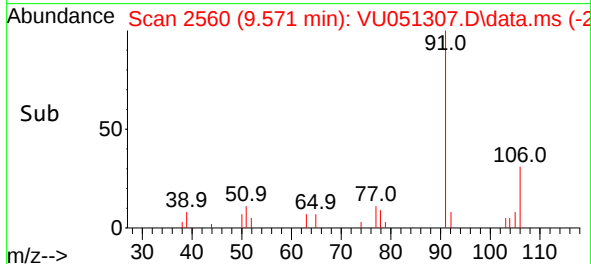
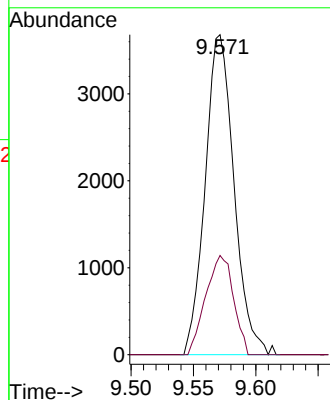
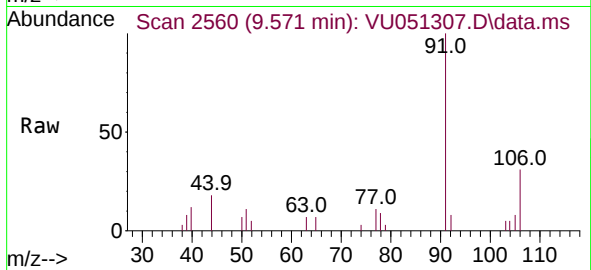




#52
Ethylbenzene
Concen: 0.083 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU051307.D
Acq: 09 Oct 2022 18:06

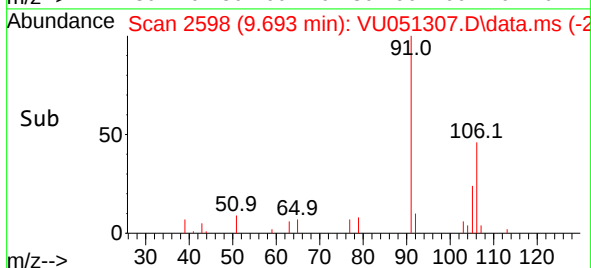
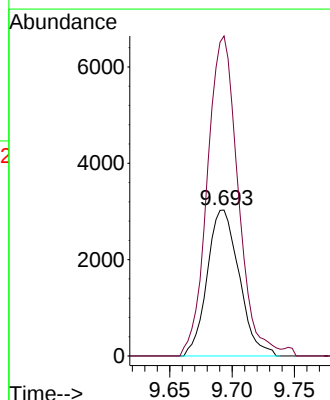
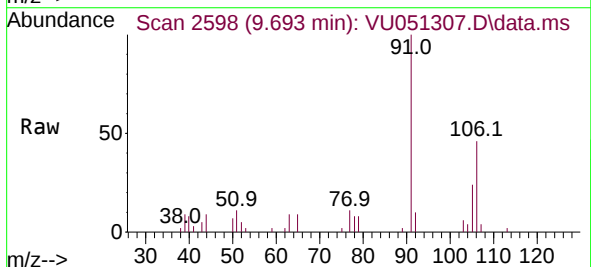
Instrument :
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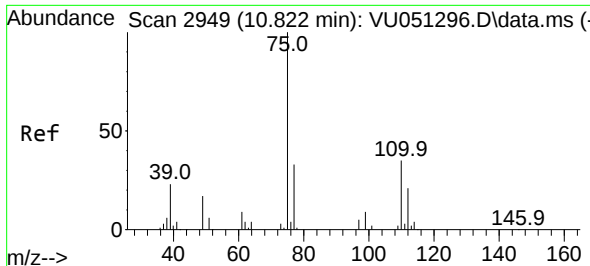
Tgt Ion: 91 Resp: 5931
Ion Ratio Lower Upper
91 100
106 31.0 20.9 38.7



#53
m,p-Xylene
Concen: 0.195 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU051307.D
Acq: 09 Oct 2022 18:06

Tgt Ion: 106 Resp: 5412
Ion Ratio Lower Upper
106 100
91 219.3 143.9 267.3

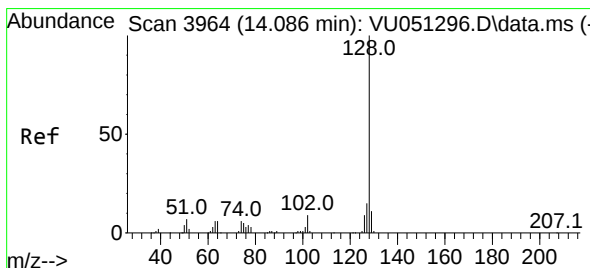
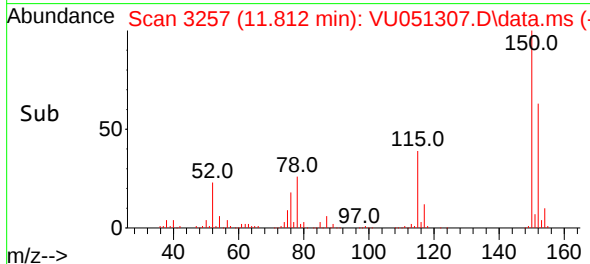
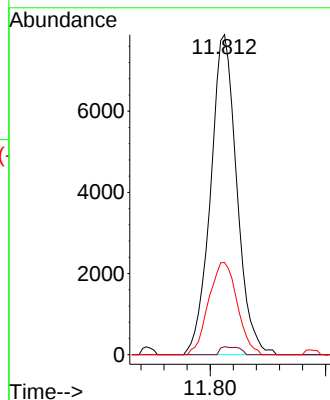
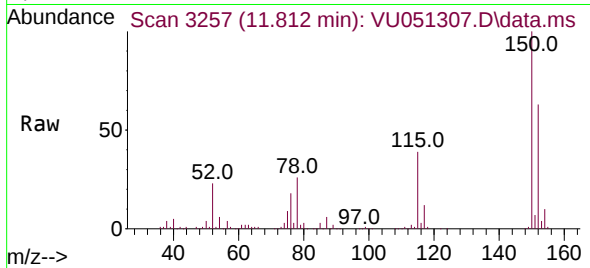




#61
1,2,3-Trichloropropane
Concen: 1.056 ug/L
RT: 11.812 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU051307.D
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MSVOA_U
ClientSampleId :
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Tgt Ion: 75 Resp: 12420
Ion Ratio Lower Upper
75 100
110 1.8 27.0 40.6#
77 31.4 26.4 39.6



#71
Naphthalene
Concen: 0.274 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU051307.D
Acq: 09 Oct 2022 18:06

Tgt Ion: 128 Resp: 7268
Ion Ratio Lower Upper
128 100
129 10.0 8.5 12.7
127 14.6 11.1 16.7

