

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
 Data File : VU051308.D
 Acq On : 09 Oct 2022 18:31
 Operator : JC/MD
 Sample : N5013-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHA44

Quant Time: Oct 10 01:29:29 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

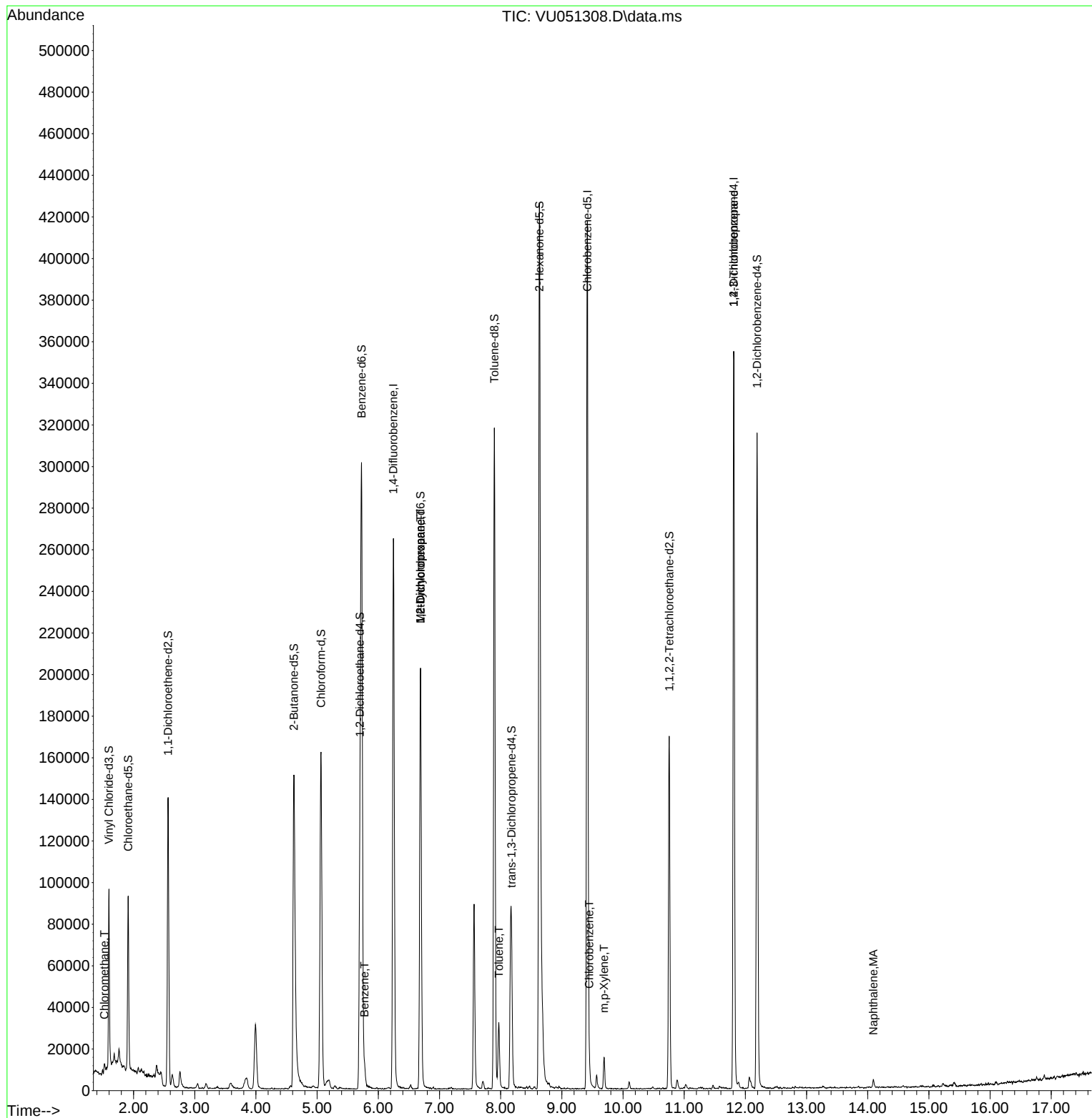
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	214978	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	229843	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	94182	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	62668	3.614	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.200%
7) Chloroethane-d5	1.913	69	61313	4.115	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.562	65	26531	3.870	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.400%
20) 2-Butanone-d5	4.620	46	219192	57.411	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.820%
24) Chloroform-d	5.064	84	150268	4.648	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.700	65	81970	4.916	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.726	84	278734	4.408	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.690	67	100642	4.687	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.896	98	218583	3.864	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.200%
43) trans-1,3-Dichloroprop...	8.179	79	32264	4.573	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.632	63	129909	54.635	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.280%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	86338	5.033	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	82150	5.018	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	3977	0.162	ug/L	93
33) Benzene	5.774	78	8270	0.108	ug/L	100
35) Methylcyclohexane	6.690	83	22418	0.928	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	10632	0.506	ug/L #	88
42) Toluene	7.970	91	22477	0.276	ug/L	96
51) Chlorobenzene	9.446	112	4309	0.089	ug/L #	84
53) m,p-Xylene	9.690	106	4333	0.153	ug/L	91
61) 1,2,3-Trichloropropane	11.809	75	11600	0.975	ug/L #	71
71) Naphthalene	14.092	128	3796	0.141	ug/L #	89

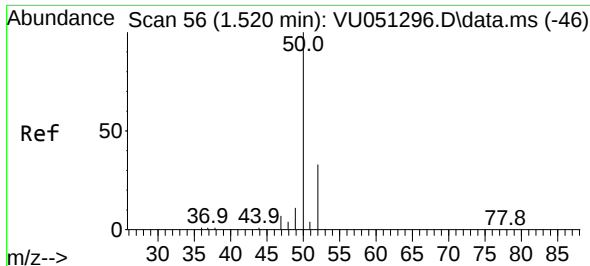
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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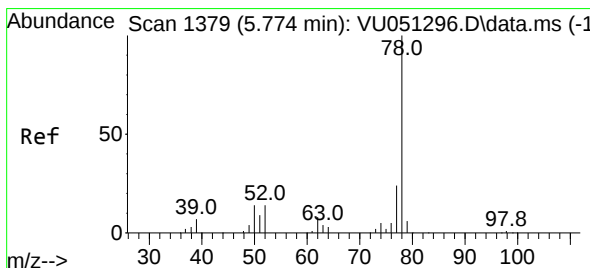
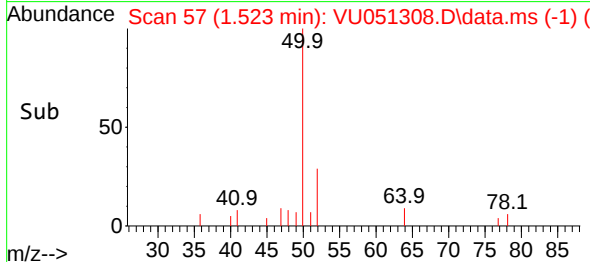
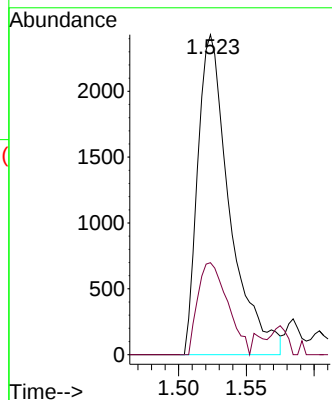
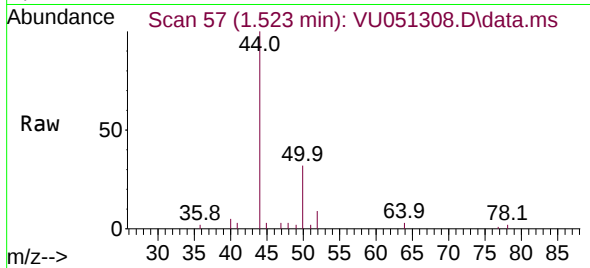




#3
Chloromethane
Concen: 0.162 ug/L
RT: 1.523 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU051308.D
Acq: 09 Oct 2022 18:31

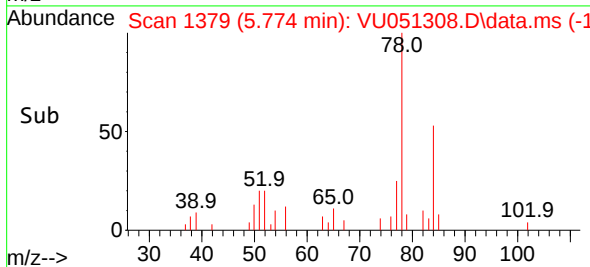
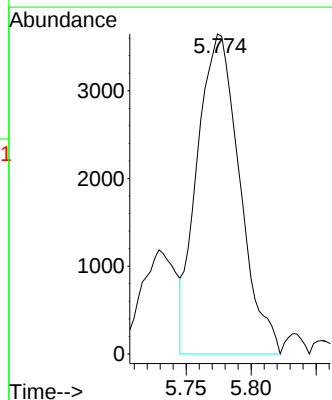
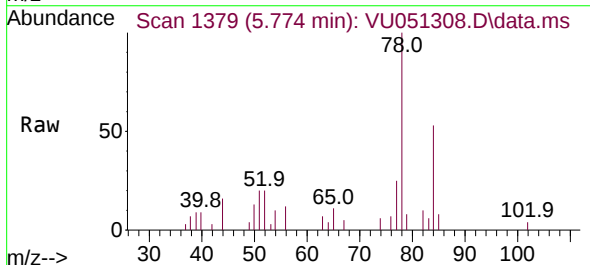
Instrument :
MSVOA_U
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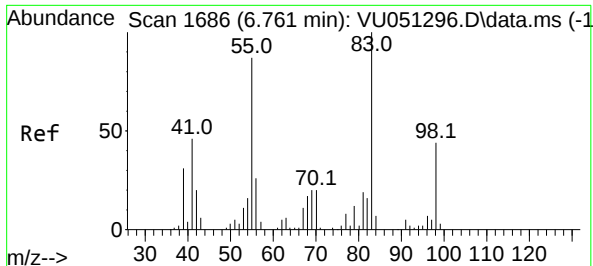
Tgt Ion: 50 Resp: 3977
Ion Ratio Lower Upper
50 100
52 28.8 22.9 42.5



#33
Benzene
Concen: 0.108 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU051308.D
Acq: 09 Oct 2022 18:31

Tgt Ion: 78 Resp: 8270





#35

Methylcyclohexane

Concen: 0.928 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.071 min

Lab File: VU051308.D

Acq: 09 Oct 2022 18:31

Instrument :

MSVOA_U

ClientSampleId :

BHA44

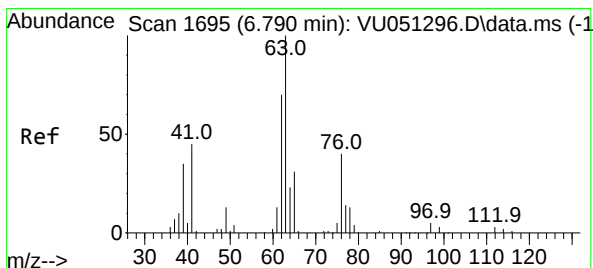
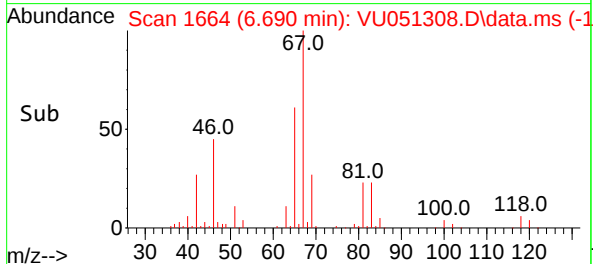
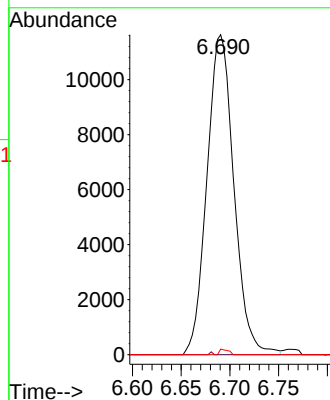
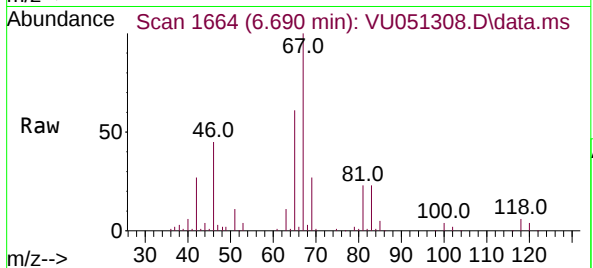
Tgt Ion: 83 Resp: 22418

Ion Ratio Lower Upper

83 100

55 0.1 65.8 98.6#

98 0.6 35.9 53.9#



#37

1,2-Dichloropropane

Concen: 0.506 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU051308.D

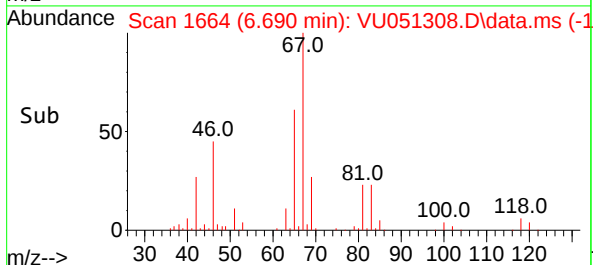
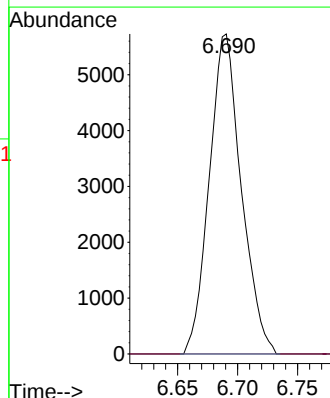
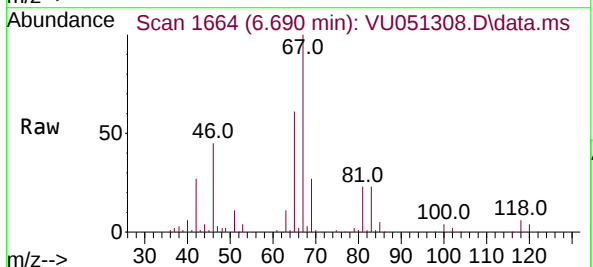
Acq: 09 Oct 2022 18:31

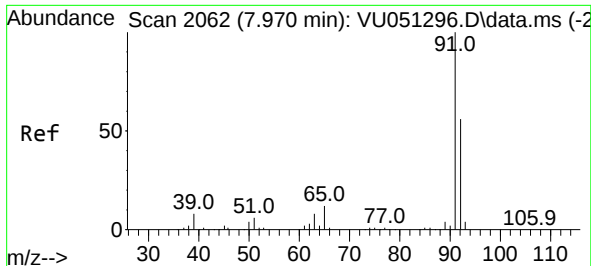
Tgt Ion: 63 Resp: 10632

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#

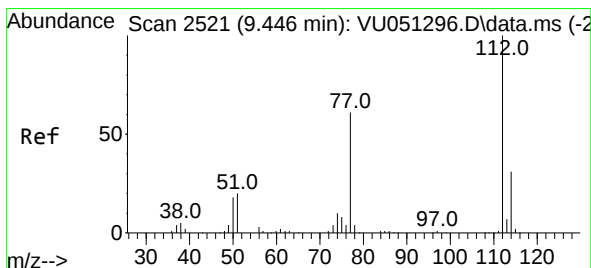
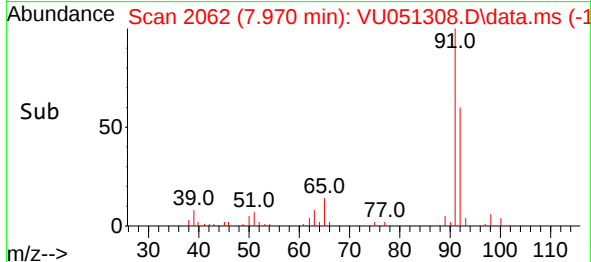
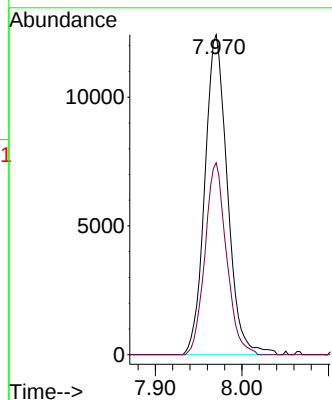
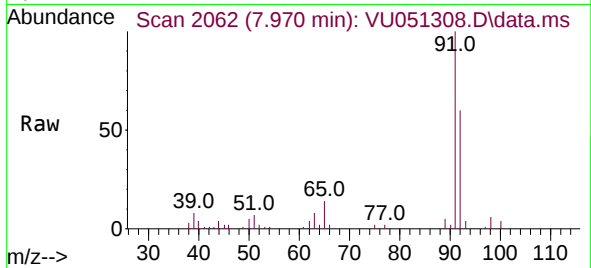




#42
Toluene
Concen: 0.276 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU051308.D
Acq: 09 Oct 2022 18:31

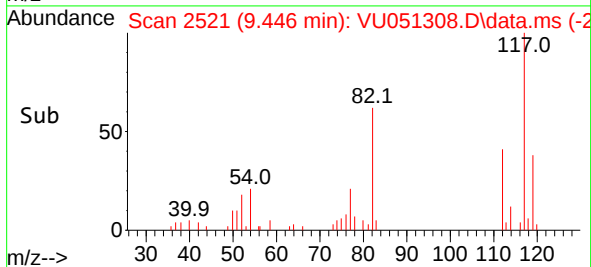
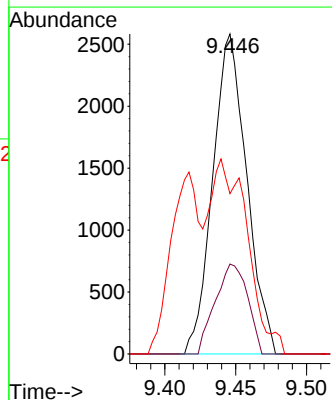
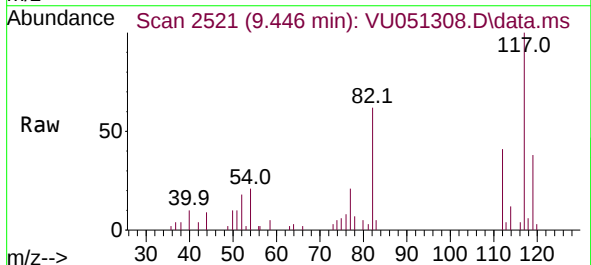
Instrument :
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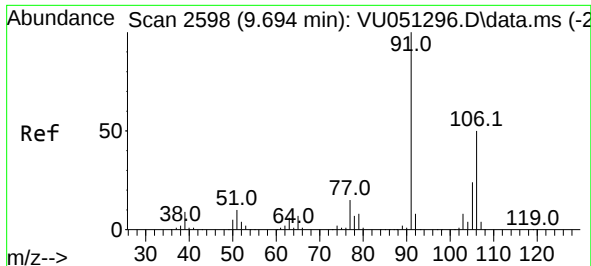
Tgt Ion: 91 Resp: 22477
Ion Ratio Lower Upper
91 100
92 60.0 39.9 74.1



#51
Chlorobenzene
Concen: 0.089 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU051308.D
Acq: 09 Oct 2022 18:31

Tgt Ion: 112 Resp: 4309
Ion Ratio Lower Upper
112 100
114 25.7 22.3 41.5
77 45.9 48.1 72.1#

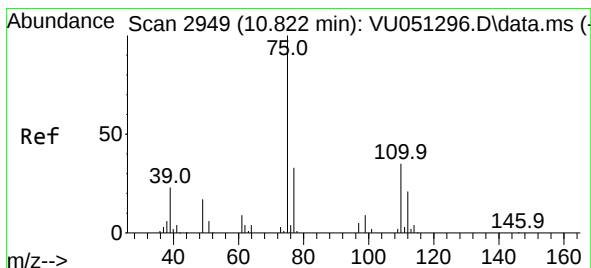
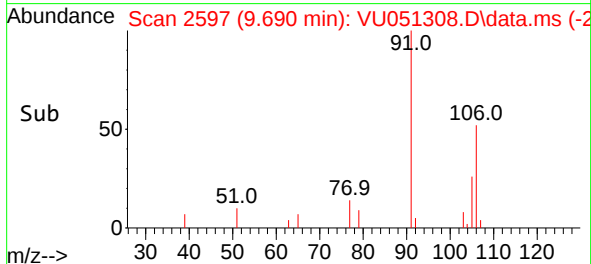
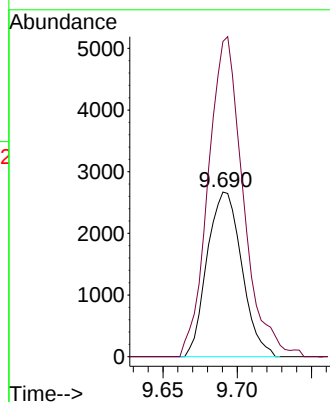
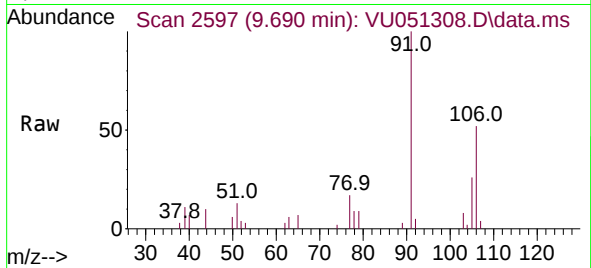




#53
m,p-Xylene
Concen: 0.153 ug/L
RT: 9.690 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU051308.D
Acq: 09 Oct 2022 18:31

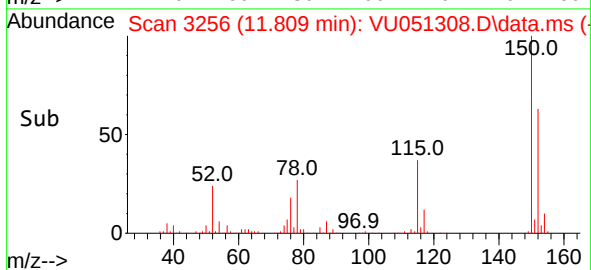
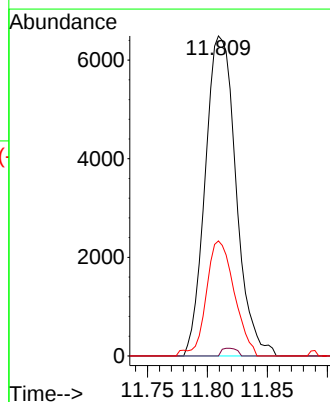
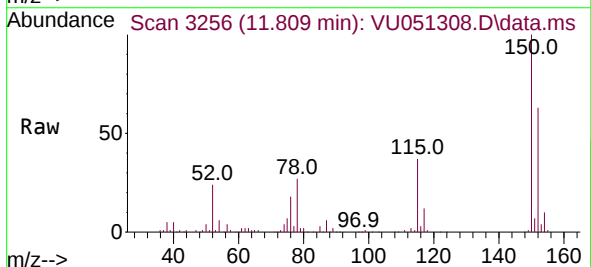
Instrument :
MSVOA_U
ClientSampleId :
BHA44

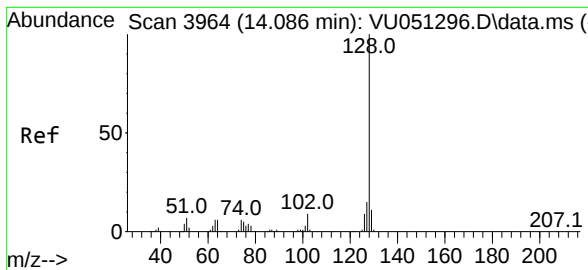
Tgt Ion:106 Resp: 4333
Ion Ratio Lower Upper
106 100
91 191.5 143.9 267.3



#61
1,2,3-Trichloropropane
Concen: 0.975 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU051308.D
Acq: 09 Oct 2022 18:31

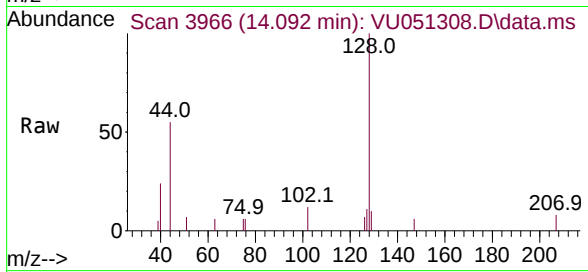
Tgt Ion: 75 Resp: 11600
Ion Ratio Lower Upper
75 100
110 1.2 27.0 40.6#
77 32.7 26.4 39.6





#71
Naphthalene
Concen: 0.141 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU051308.D
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Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:	128	Resp:	3796
Ion	Ratio	Lower	Upper
128	100		
129	7.9	8.5	12.7#
127	8.2	11.1	16.7#

