

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
 Data File : VU051312.D
 Acq On : 09 Oct 2022 20:10
 Operator : JC/MD
 Sample : N5064-22
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK002

Quant Time: Oct 10 01:30:27 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)

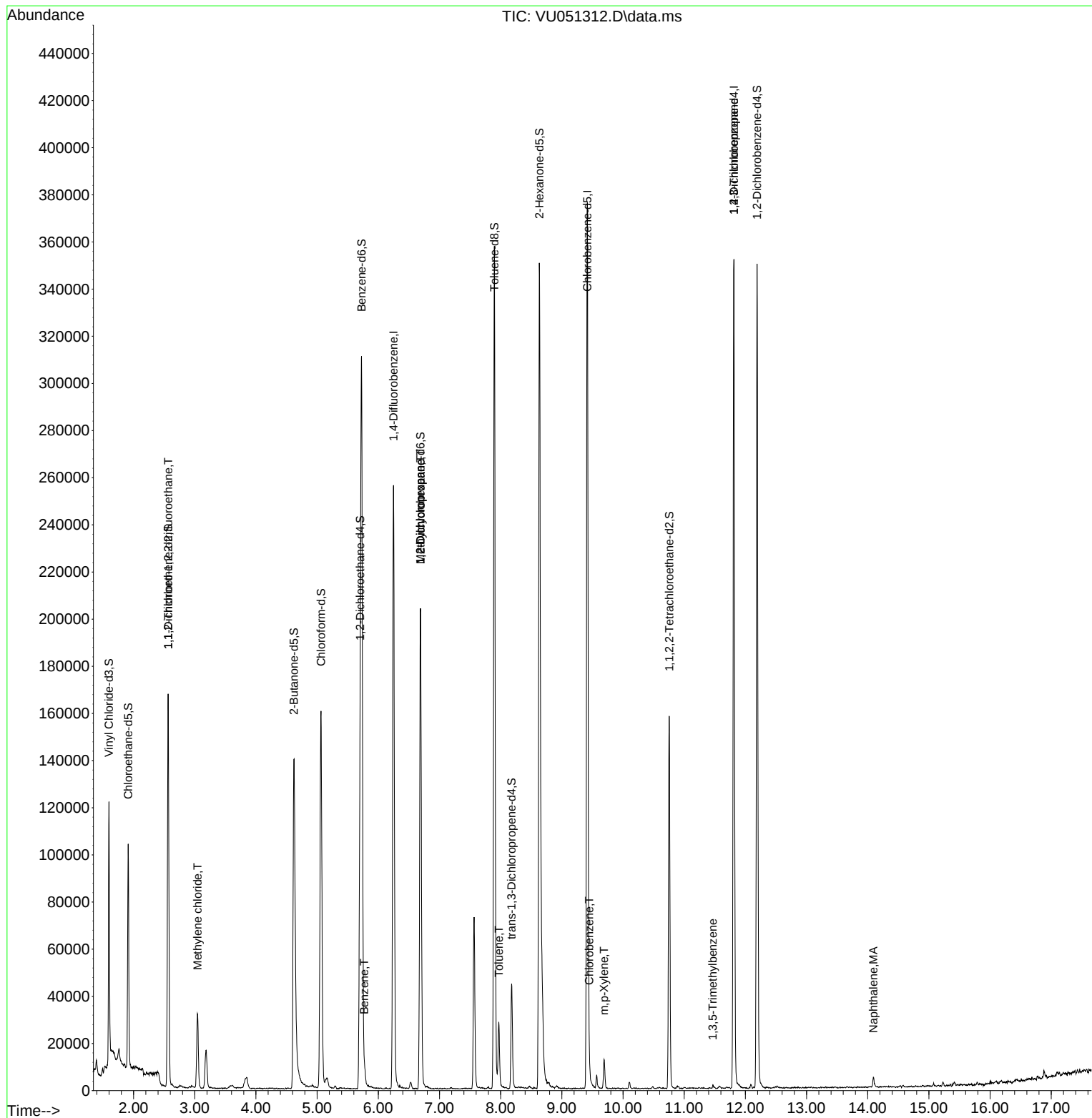
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	205579	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	214241	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	94519	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	77391	4.667	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.400%
7) Chloroethane-d5	1.912	69	69147	4.853	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.565	65	32482	4.955	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.200%
20) 2-Butanone-d5	4.620	46	185547	50.821	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.640%
24) Chloroform-d	5.063	84	150224	4.859	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.703	65	82352	5.165	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.726	84	294866	5.003	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	6.690	67	102028	5.097	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.896	98	238890	4.530	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
43) trans-1,3-Dichloroprop...	8.179	79	26848	4.083	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.632	63	107535	48.519	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.040%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	81685	5.109	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	91126	5.547	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.000%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	867	0.054	ug/L #	21
16) Methylene chloride	3.047	84	15620	0.706	ug/L	93
33) Benzene	5.771	78	6050	0.085	ug/L	100
35) Methylcyclohexane	6.690	83	22339	0.992	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	10570	0.539	ug/L #	88
42) Toluene	7.970	91	19449	0.256	ug/L	99
51) Chlorobenzene	9.446	112	3537	0.078	ug/L #	88
53) m,p-Xylene	9.690	106	3688	0.139	ug/L	91
61) 1,2,3-Trichloropropane	11.812	75	12137	1.017	ug/L #	70
62) 1,3,5-Trimethylbenzene	11.468	105	1125	0.071	ug/L	90
71) Naphthalene	14.092	128	4932	0.183	ug/L #	94

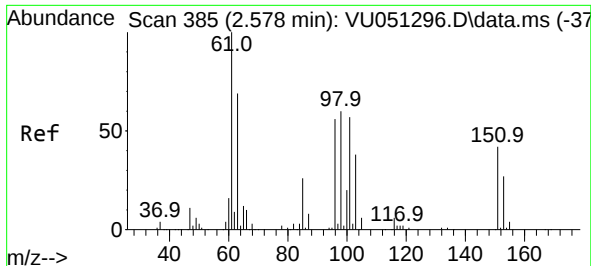
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.054 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.013 min

Lab File: VU051312.D

Acq: 09 Oct 2022 20:10

Instrument :

MSVOA_U

ClientSampleId :

VHBLK002

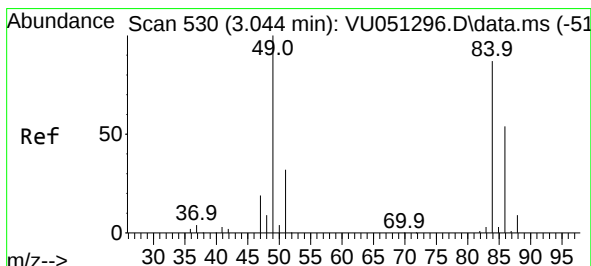
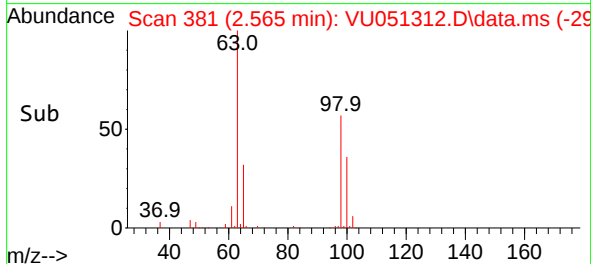
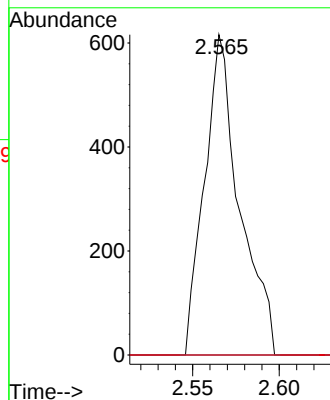
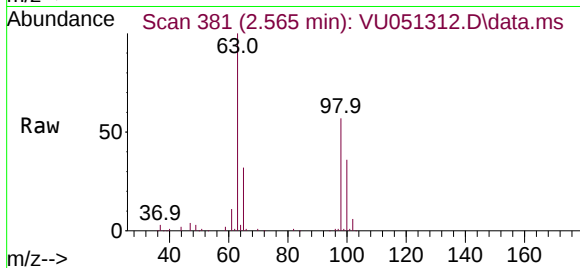
Tgt Ion:101 Resp: 867

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

151 0.0 56.5 84.7#



#16

Methylene chloride

Concen: 0.706 ug/L

RT: 3.047 min Scan# 531

Delta R.T. 0.003 min

Lab File: VU051312.D

Acq: 09 Oct 2022 20:10

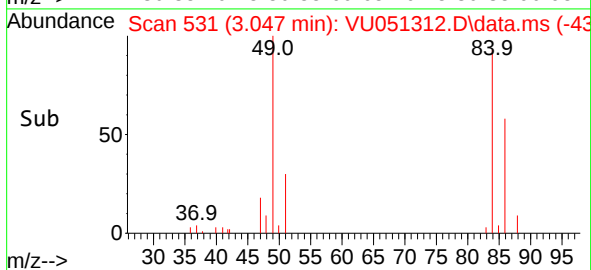
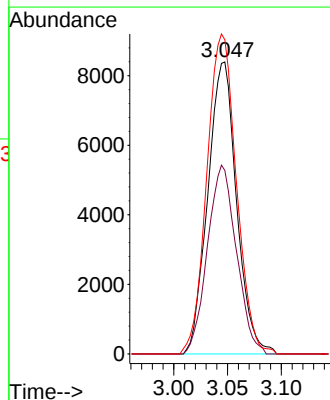
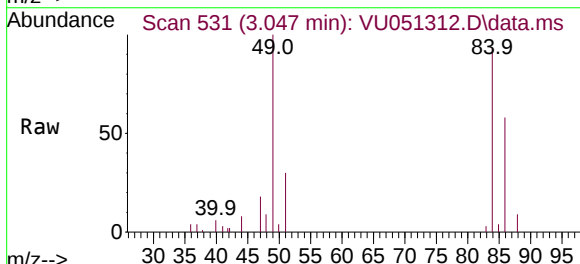
Tgt Ion: 84 Resp: 15620

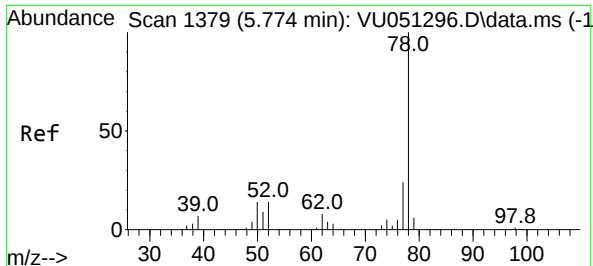
Ion Ratio Lower Upper

84 100

86 62.9 46.5 86.3

49 107.6 81.3 151.1

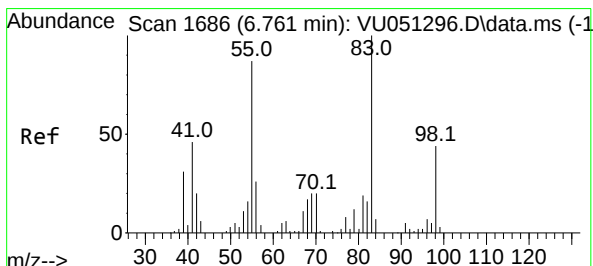
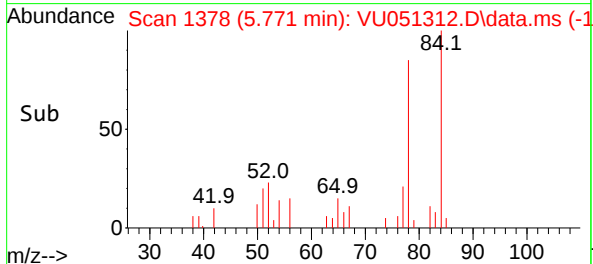
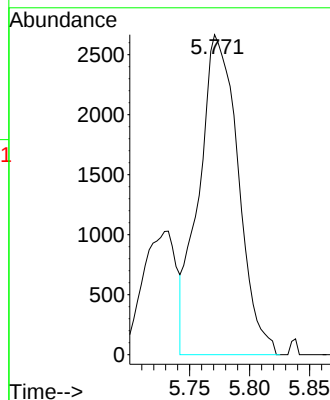
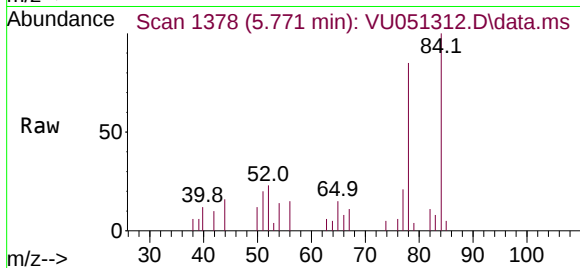




#33
Benzene
Concen: 0.085 ug/L
RT: 5.771 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU051312.D
Acq: 09 Oct 2022 20:10

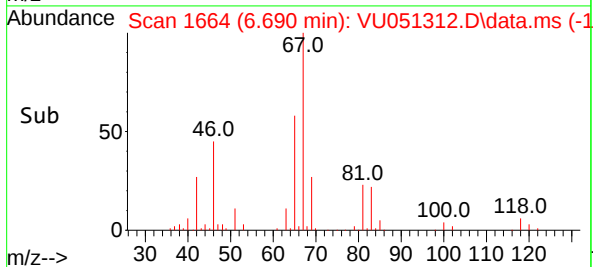
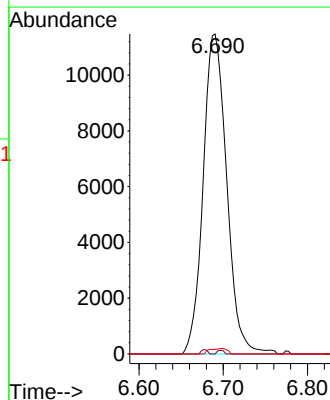
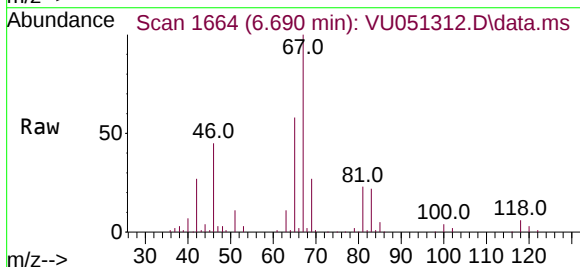
Instrument :
MSVOA_U
ClientSampleId :
VHBLK002

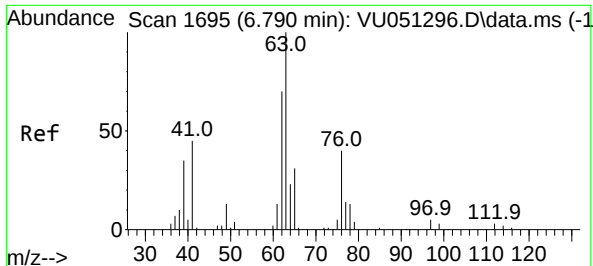
Tgt Ion: 78 Resp: 6050



#35
Methylcyclohexane
Concen: 0.992 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU051312.D
Acq: 09 Oct 2022 20:10

Tgt Ion: 83 Resp: 22339
Ion Ratio Lower Upper
83 100
55 0.3 65.8 98.6#
98 1.3 35.9 53.9#





#37

1,2-Dichloropropane

Concen: 0.539 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU051312.D

Acq: 09 Oct 2022 20:10

Instrument :

MSVOA_U

ClientSampleId :

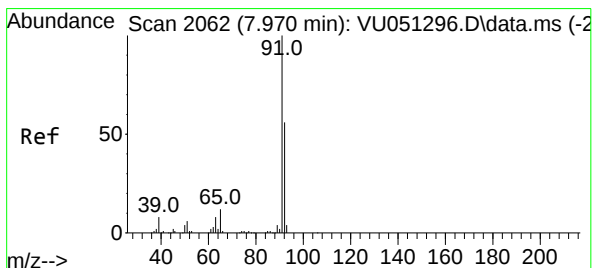
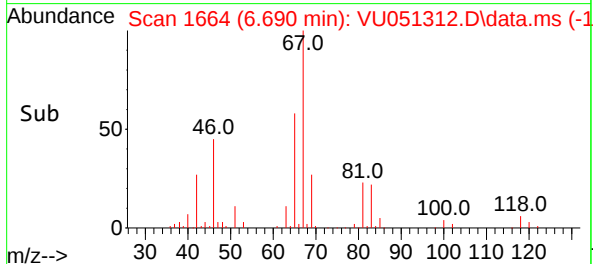
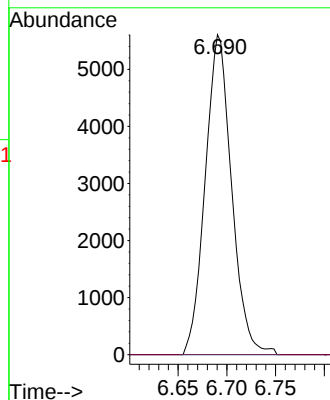
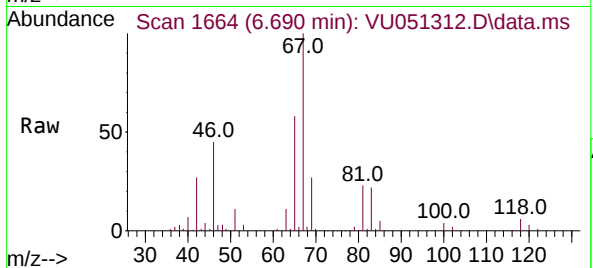
VHBLK002

Tgt Ion: 63 Resp: 10570

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#42

Toluene

Concen: 0.256 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU051312.D

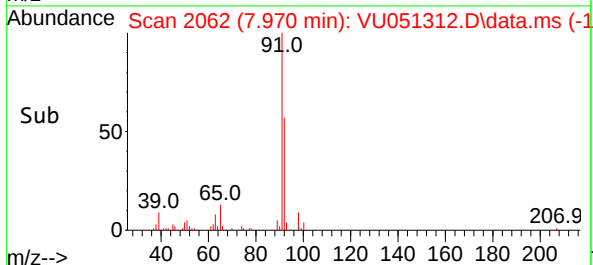
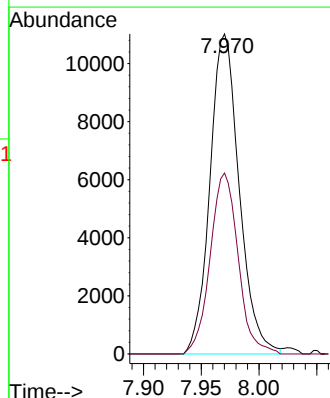
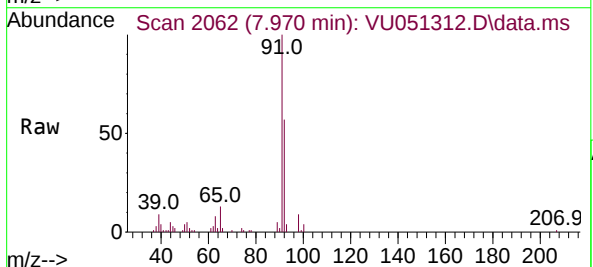
Acq: 09 Oct 2022 20:10

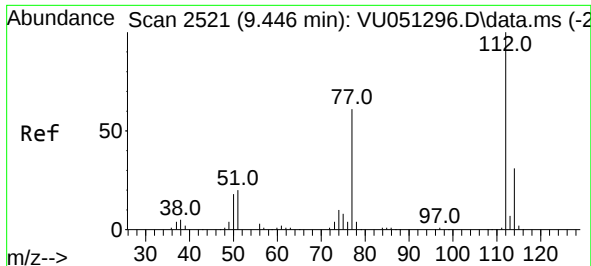
Tgt Ion: 91 Resp: 19449

Ion Ratio Lower Upper

91 100

92 56.5 39.9 74.1

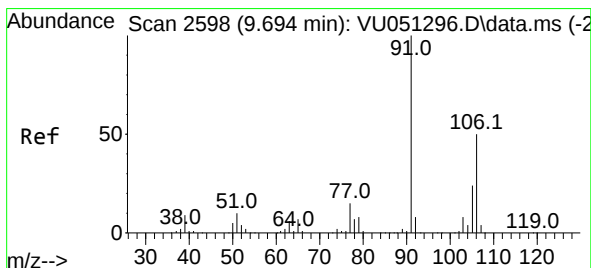
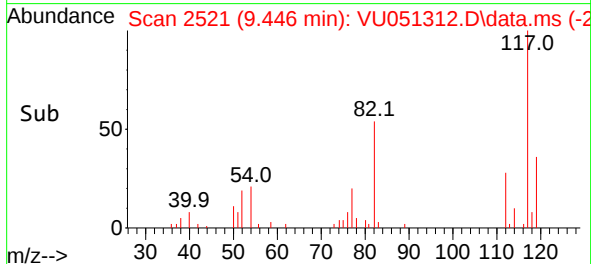
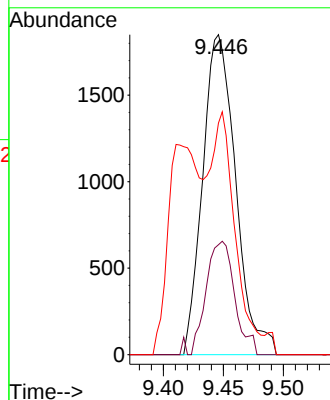
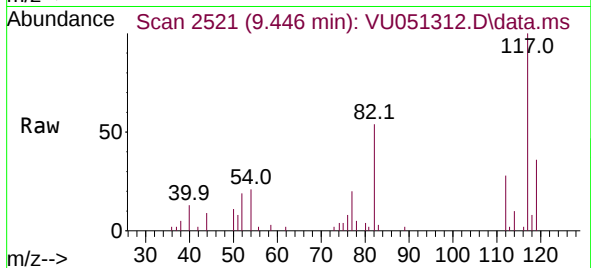




#51
Chlorobenzene
Concen: 0.078 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU051312.D
Acq: 09 Oct 2022 20:10

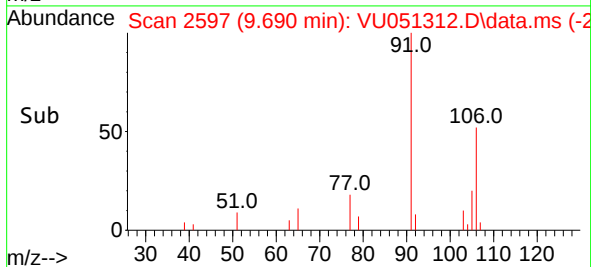
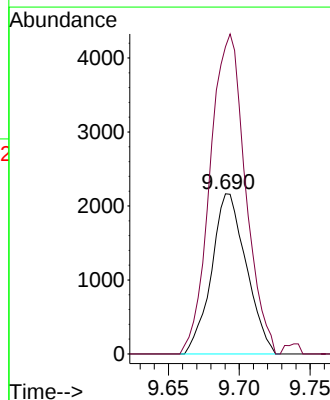
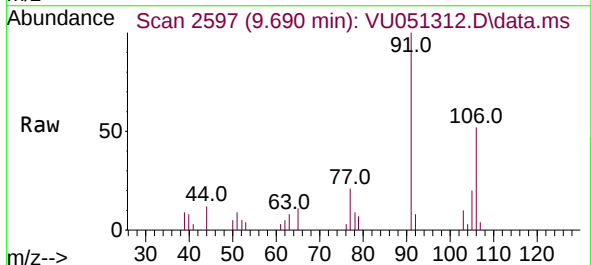
Instrument :
MSVOA_U
ClientSampleId :
VHBLK002

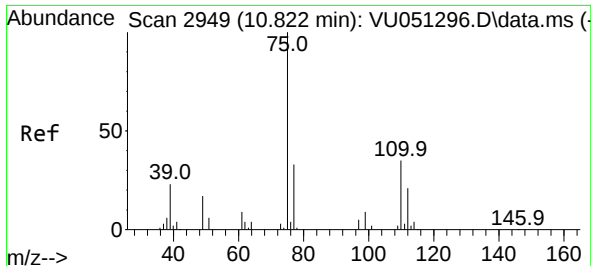
Tgt Ion:112 Resp: 3537
Ion Ratio Lower Upper
112 100
114 34.3 22.3 41.5
77 72.3 48.1 72.1#



#53
m,p-Xylene
Concen: 0.139 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU051312.D
Acq: 09 Oct 2022 20:10

Tgt Ion:106 Resp: 3688
Ion Ratio Lower Upper
106 100
91 191.8 143.9 267.3





#61

1,2,3-Trichloropropane

Concen: 1.017 ug/L

RT: 11.812 min Scan# 3150

Delta R.T. 0.990 min

Lab File: VU051312.D

Acq: 09 Oct 2022 20:10

Instrument :

MSVOA_U

ClientSampleId :

VHBLK002

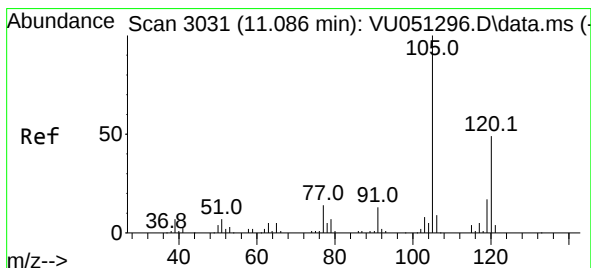
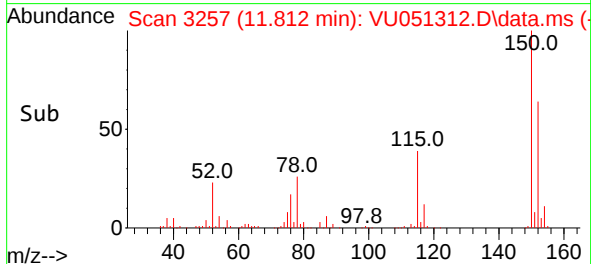
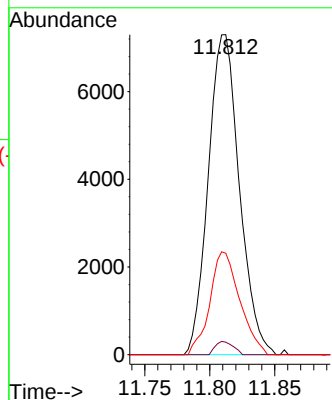
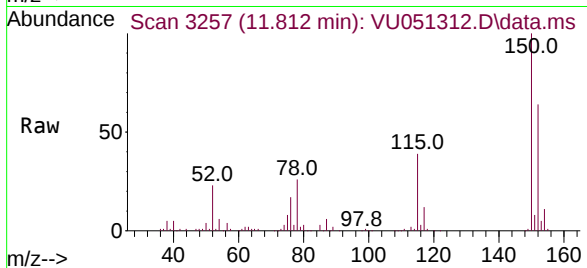
Tgt Ion: 75 Resp: 12137

Ion Ratio Lower Upper

75 100

110 2.4 27.0 40.6#

77 30.9 26.4 39.6



#62

1,3,5-Trimethylbenzene

Concen: 0.071 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.383 min

Lab File: VU051312.D

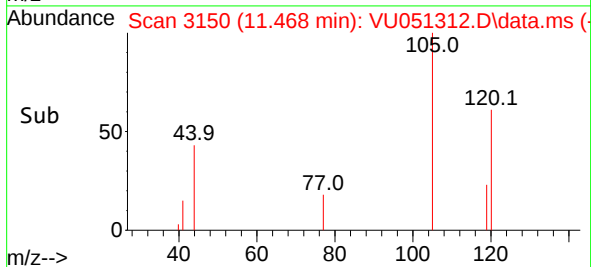
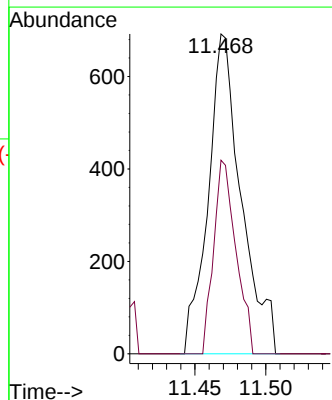
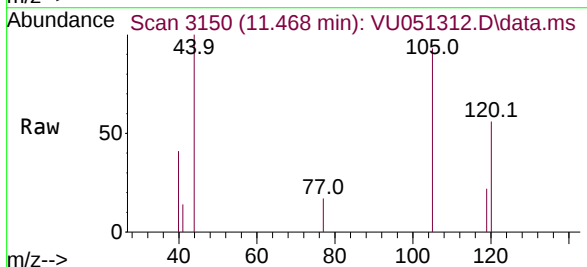
Acq: 09 Oct 2022 20:10

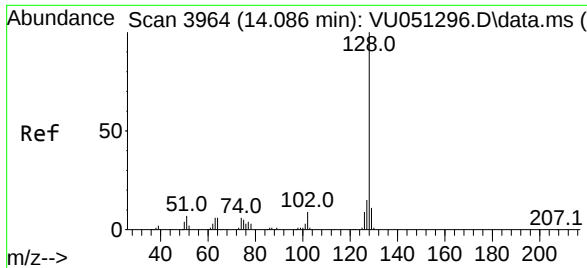
Tgt Ion: 105 Resp: 1125

Ion Ratio Lower Upper

105 100

120 40.7 37.7 56.5





#71

Naphthalene

Concen: 0.183 ug/L

RT: 14.092 min Scan# 3966

Delta R.T. 0.006 min

Lab File: VU051312.D

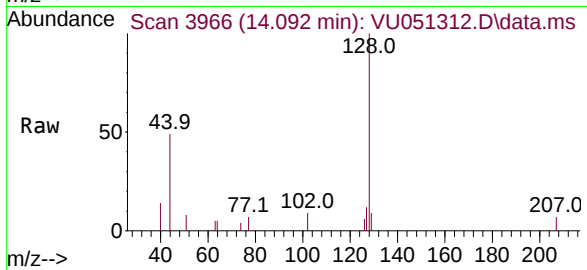
Acq: 09 Oct 2022 20:10

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Tgt Ion:	128	Resp:	4932
Ion	Ratio	Lower	Upper
128	100		
129	7.4	8.5	12.7#
127	12.4	11.1	16.7

