

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102722\
 Data File : VU051543.D
 Acq On : 27 Oct 2022 16:42
 Operator : JC/MD
 Sample : N5270-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHA81

Quant Time: Oct 28 00:10:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 00:08:00 2022
 Response via : Initial Calibration

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

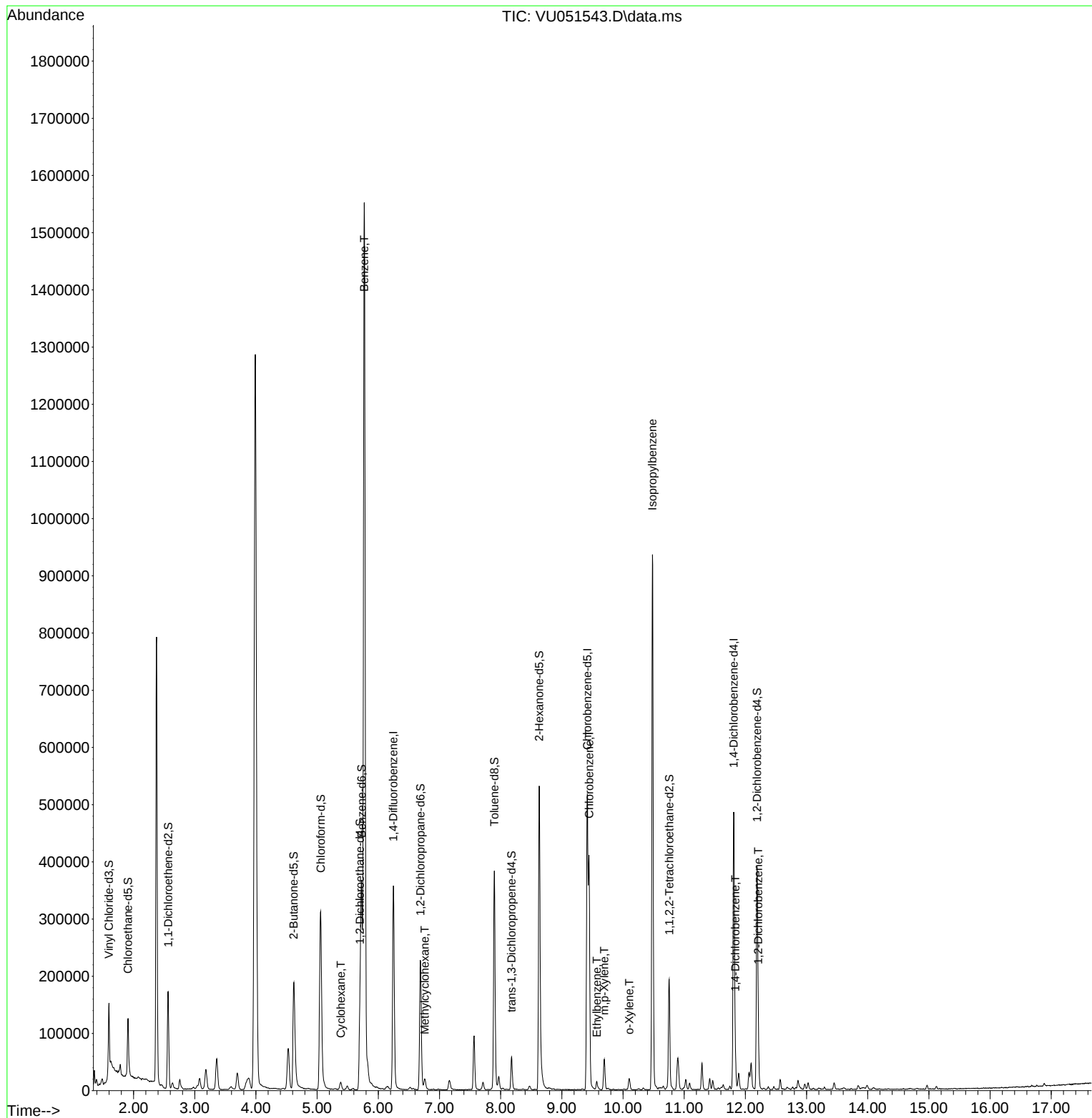
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	304467	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	294502	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	134590	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	87130	3.548	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.000%
7) Chloroethane-d5	1.909	69	84830	4.020	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	2.565	65	32665	3.365	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.200%
20) 2-Butanone-d5	4.617	46	251946	46.594	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.180%
24) Chloroform-d	5.060	84	174580	3.813	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.200%
26) 1,2-Dichloroethane-d4	5.700	65	92770	3.929	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
32) Benzene-d6	5.726	84	352728	4.354	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.687	67	115171	4.186	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.800%
41) Toluene-d8	7.896	98	269850	3.723	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	8.179	79	34119	3.774	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.400%
46) 2-Hexanone-d5	8.629	63	185312	60.825	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.640%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	96491	4.390	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	104048	4.448	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.000%
Target Compounds						Qvalue
30) Cyclohexane	5.388	56	6208	0.207	ug/L	97
33) Benzene	5.771	78	1551403	15.779	ug/L	100
35) Methylcyclohexane	6.761	83	7285	0.235	ug/L	98
51) Chlorobenzene	9.446	112	219417	3.519	ug/L	97
52) Ethylbenzene	9.571	91	9643	0.103	ug/L	92
53) m,p-Xylene	9.694	106	15459	0.425	ug/L	97
54) o-Xylene	10.102	106	5508	0.160	ug/L	90
60) Isopropylbenzene	10.481	105	594455	6.973	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	21413	0.515	ug/L	94
67) 1,2-Dichlorobenzene	12.211	146	29129	0.711	ug/L	98

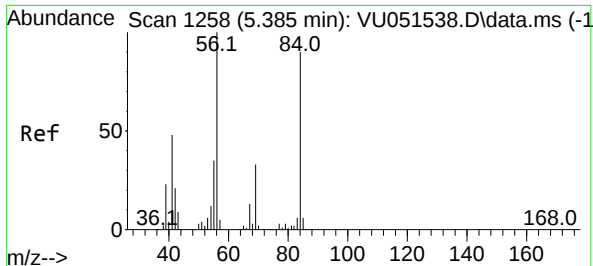
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#30

Cyclohexane

Concen: 0.207 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.003 min

Lab File: VU051543.D

Acq: 27 Oct 2022 16:42

Instrument :

MSVOA_U

ClientSampleId :

BHA81

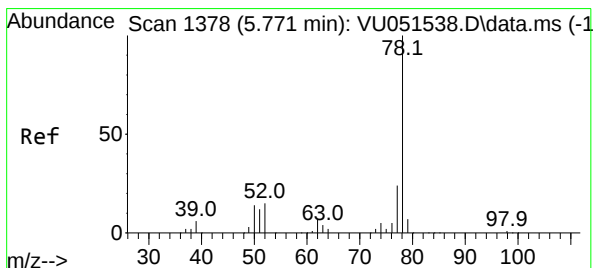
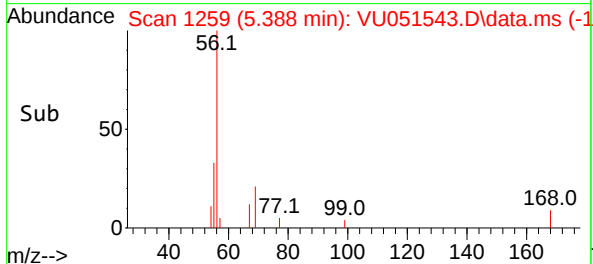
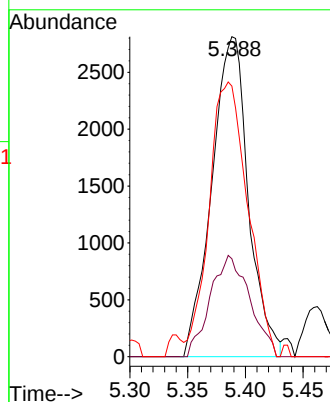
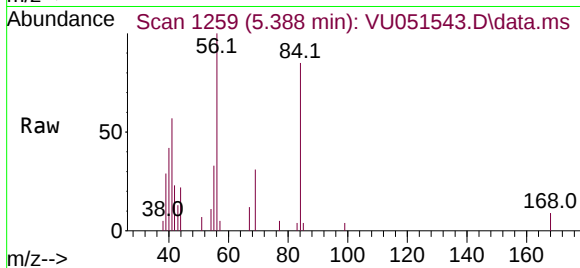
Tgt Ion: 56 Resp: 6208

Ion Ratio Lower Upper

56 100

69 34.2 25.1 37.7

84 90.6 70.9 106.3



#33

Benzene

Concen: 15.779 ug/L

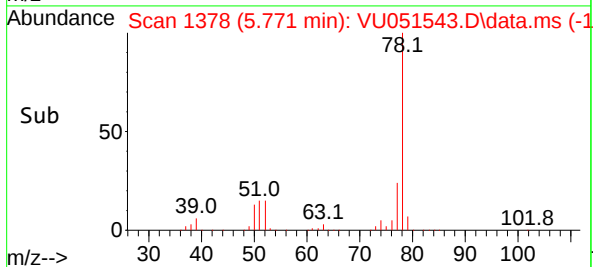
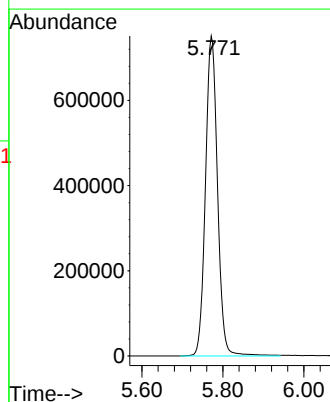
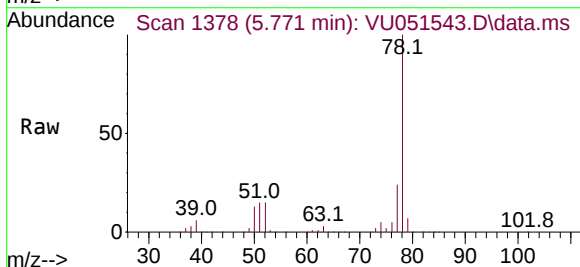
RT: 5.771 min Scan# 1378

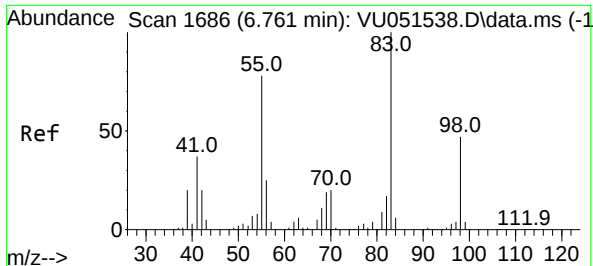
Delta R.T. 0.000 min

Lab File: VU051543.D

Acq: 27 Oct 2022 16:42

Tgt Ion: 78 Resp: 1551403

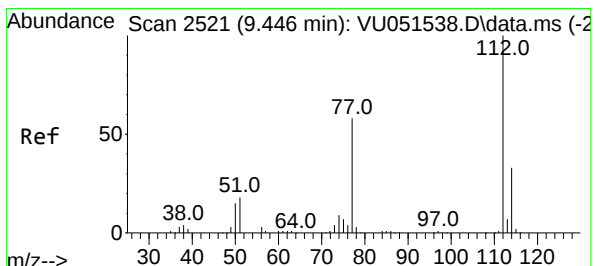
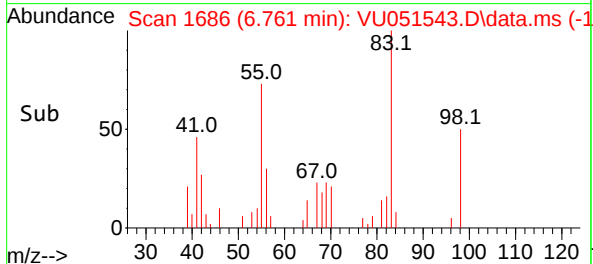
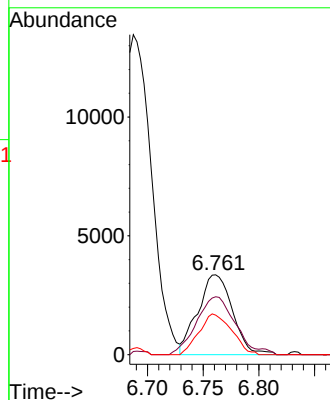
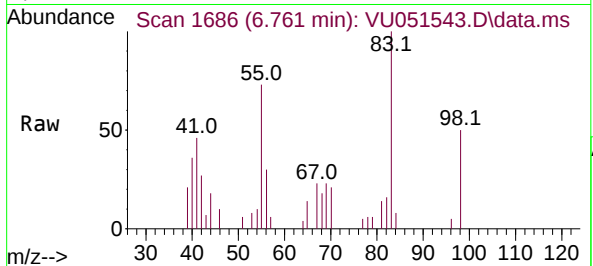




#35
Methylcyclohexane
Concen: 0.235 ug/L
RT: 6.761 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU051543.D
Acq: 27 Oct 2022 16:42

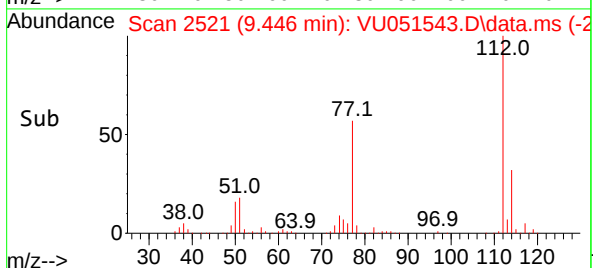
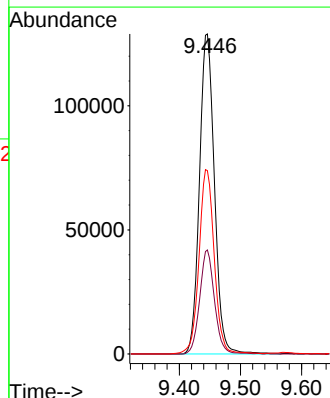
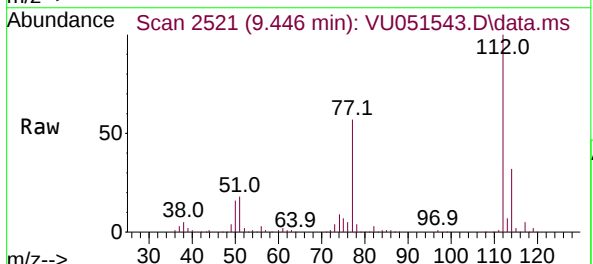
Instrument :
MSVOA_U
ClientSampleId :
BHA81

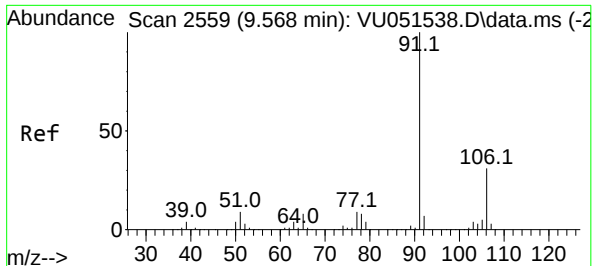
Tgt Ion:	83	Resp:	7285
Ion	Ratio	Lower	Upper
83	100		
55	81.2	65.8	98.6
98	48.0	35.9	53.9



#51
Chlorobenzene
Concen: 3.519 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU051543.D
Acq: 27 Oct 2022 16:42

Tgt Ion:	112	Resp:	219417
Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.3	41.5
77	57.3	48.1	72.1





#52

Ethylbenzene

Concen: 0.103 ug/L

RT: 9.571 min Scan# 2559

Delta R.T. 0.003 min

Lab File: VU051543.D

Acq: 27 Oct 2022 16:42

Instrument :

MSVOA_U

ClientSampleId :

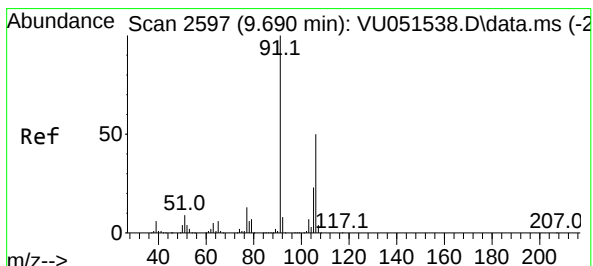
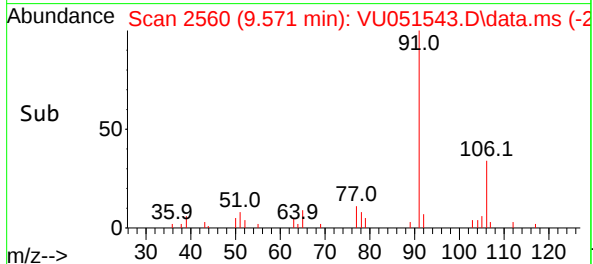
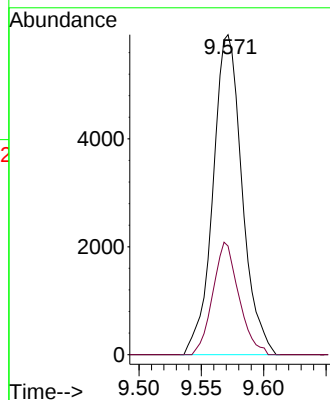
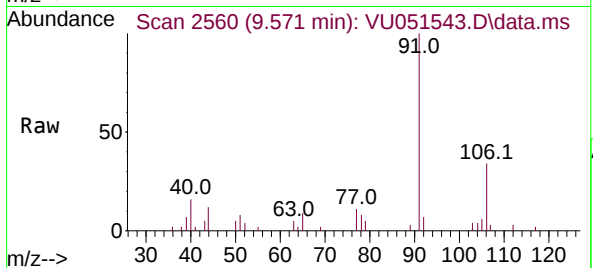
BHA81

Tgt Ion: 91 Resp: 9643

Ion Ratio Lower Upper

91 100

106 33.9 20.9 38.7



#53

m,p-Xylene

Concen: 0.425 ug/L

RT: 9.694 min Scan# 2598

Delta R.T. 0.003 min

Lab File: VU051543.D

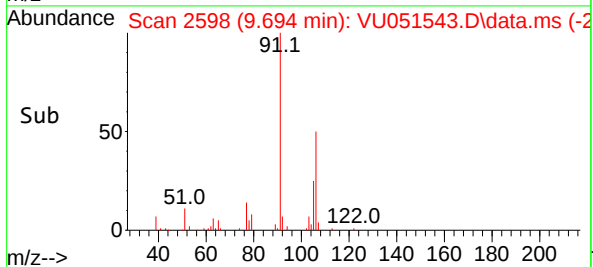
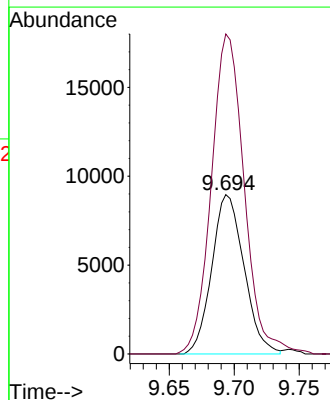
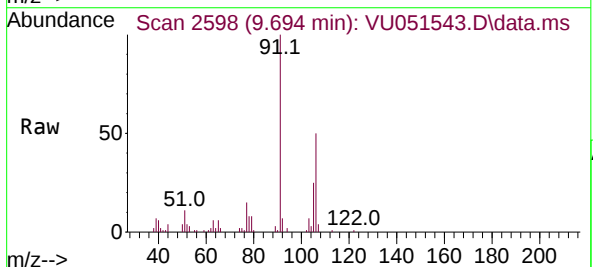
Acq: 27 Oct 2022 16:42

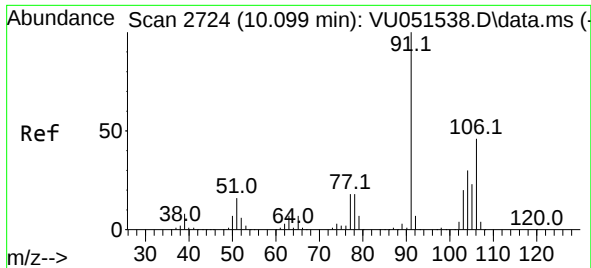
Tgt Ion: 106 Resp: 15459

Ion Ratio Lower Upper

106 100

91 200.8 143.9 267.3

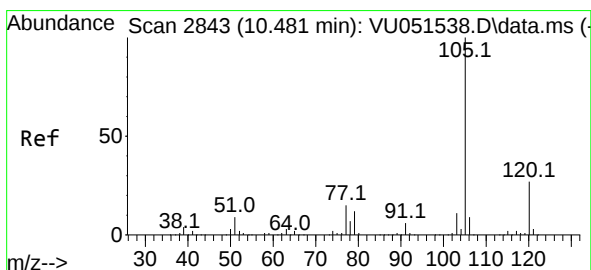
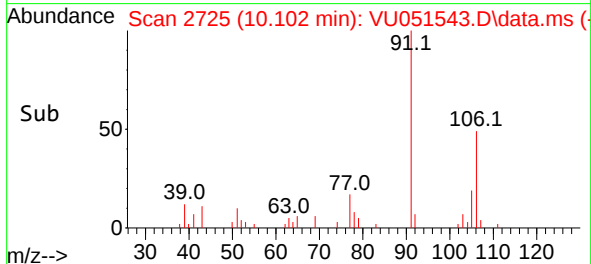
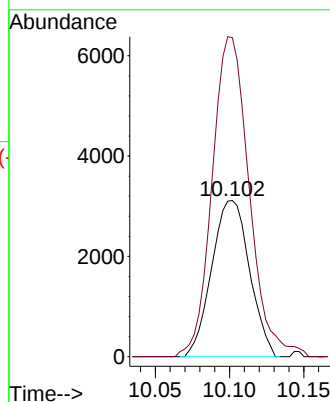
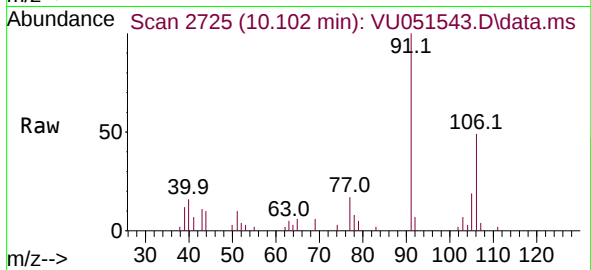




#54
o-Xylene
Concen: 0.160 ug/L
RT: 10.102 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU051543.D
Acq: 27 Oct 2022 16:42

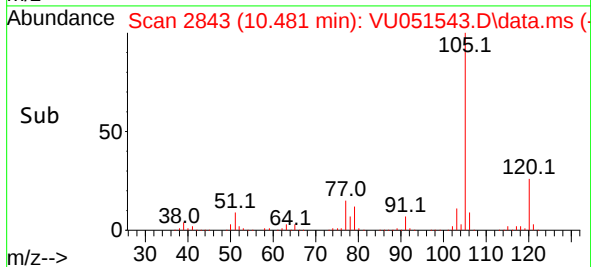
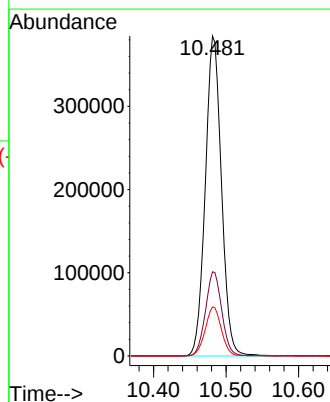
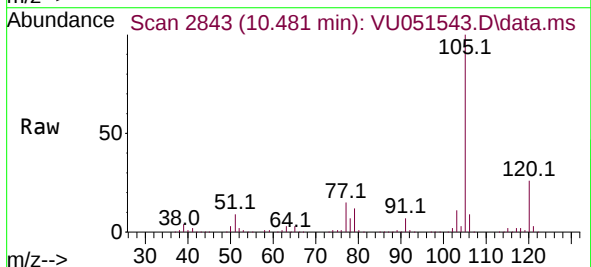
Instrument :
MSVOA_U
ClientSampleId :
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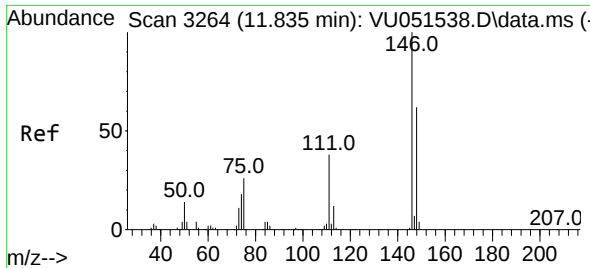
Tgt Ion:106 Resp: 5508
Ion Ratio Lower Upper
106 100
91 204.4 154.4 286.8



#60
Isopropylbenzene
Concen: 6.973 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU051543.D
Acq: 27 Oct 2022 16:42

Tgt Ion:105 Resp: 594455
Ion Ratio Lower Upper
105 100
120 26.5 20.6 30.8
77 15.5 13.5 20.3

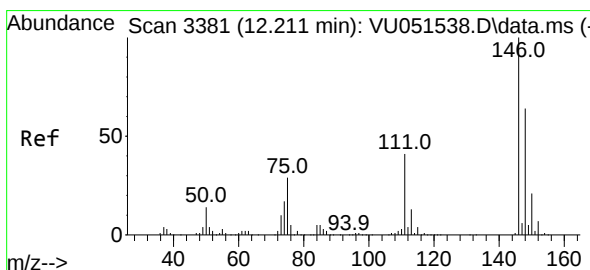
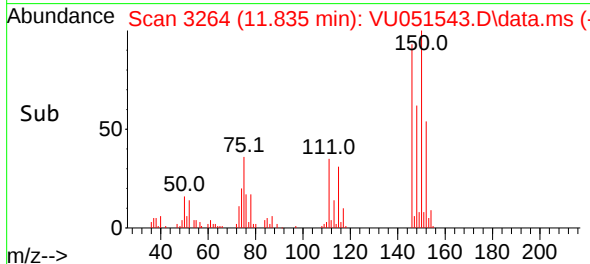
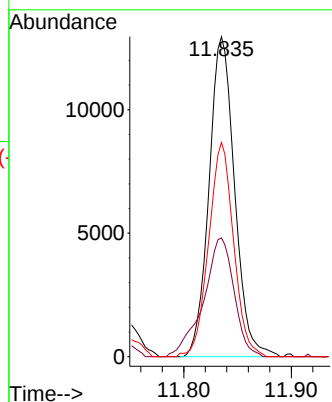
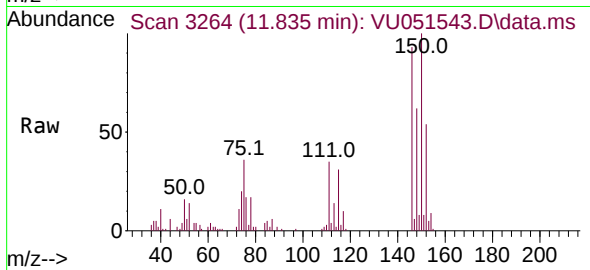




#65
1,4-Dichlorobenzene
Concen: 0.515 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051543.D
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Tgt Ion:146 Resp: 21413
Ion Ratio Lower Upper
146 100
111 37.1 29.1 54.1
148 67.0 44.2 82.0



#67
1,2-Dichlorobenzene
Concen: 0.711 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU051543.D
Acq: 27 Oct 2022 16:42

Tgt Ion:146 Resp: 29129
Ion Ratio Lower Upper
146 100
111 45.0 35.5 53.3
148 66.3 50.9 76.3

