

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
 Data File : VU053288.D
 Acq On : 17 Mar 2023 23:57
 Operator : JC/MD
 Sample : 01956-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E0236

Quant Time: Mar 18 04:59:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 18 04:29:10 2023
 Response via : Initial Calibration

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

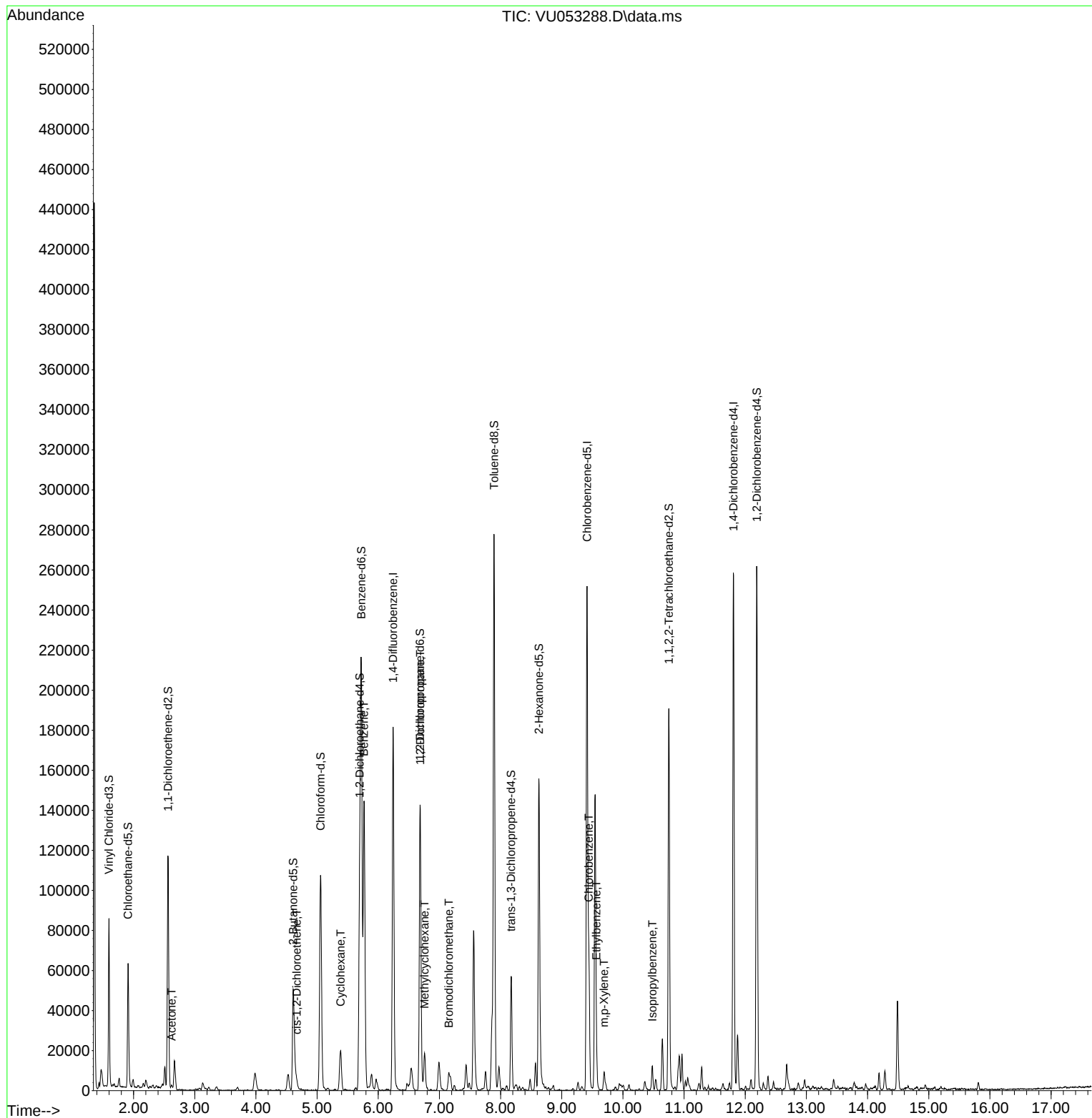
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	139097	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	129695	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	61140	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	52776	41.127	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.260%
7) Chloroethane-d5	1.909	69	46758	45.047	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.100%
11) 1,1-Dichloroethene-d2	2.562	63	68698	30.903	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.800%
21) 2-Butanone-d5	4.610	46	73590	123.644	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	123.640%
24) Chloroform-d	5.057	84	94195	44.566	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.140%
26) 1,2-Dichloroethane-d4	5.697	65	66492	50.656	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.320%
32) Benzene-d6	5.723	84	202113	48.046	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.100%
36) 1,2-Dichloropropane-d6	6.684	67	68473	50.433	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.860%
41) Toluene-d8	7.893	98	185129	47.268	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.540%
43) trans-1,3-Dichloroprop...	8.173	79	30701	45.831	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.660%
47) 2-Hexanone-d5	8.626	63	55605	131.000	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	131.000%#
56) 1,1,2,2-Tetrachloroeth...	10.751	84	92125	52.380	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.760%
66) 1,2-Dichlorobenzene-d4	12.189	152	60401	51.021	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.040%
Target Compounds						
					Qvalue	
13) Acetone	2.620	43	2462	3.632	ug/L	93
20) cis-1,2-Dichloroethene	4.668	96	1796	1.475	ug/L	78
29) Cyclohexane	5.385	56	10537	5.452	ug/L #	92
33) Benzene	5.768	78	134728	29.963	ug/L	100
35) Methylcyclohexane	6.758	83	7439	3.620	ug/L	89
37) 1,2-Dichloropropane	6.687	63	7392	5.892	ug/L #	92
38) Bromodichloromethane	7.153	83	2840	1.819	ug/L #	24
51) Chlorobenzene	9.443	112	32415	10.759	ug/L	99
52) Ethylbenzene	9.565	91	12332	2.250	ug/L	92
53) m,p-Xylene	9.693	106	2377	1.162	ug/L	96
61) Isopropylbenzene	10.481	105	7578	1.569	ug/L	96

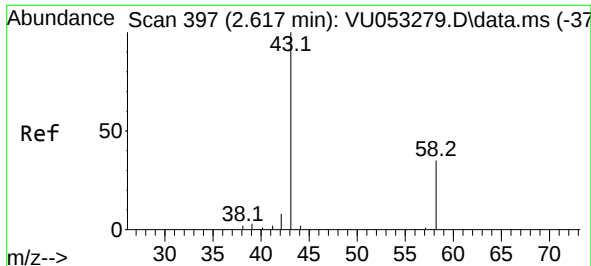
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.632 ug/L

RT: 2.620 min Scan# 398

Delta R.T. 0.003 min

Lab File: VU053288.D

Acq: 17 Mar 2023 23:57

Instrument :

MSVOA_U

ClientSampleId :

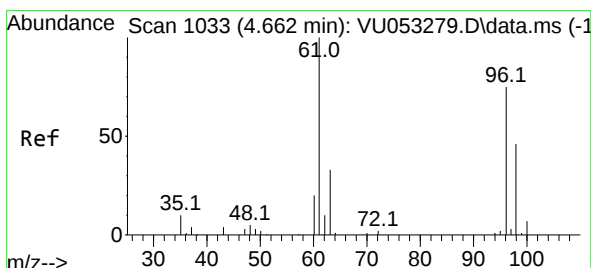
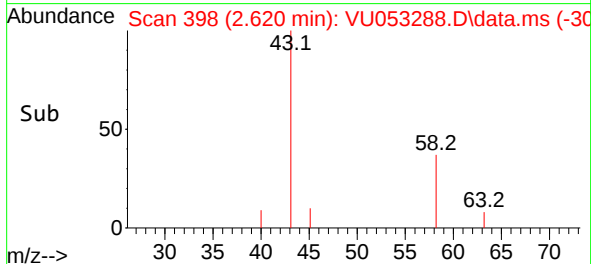
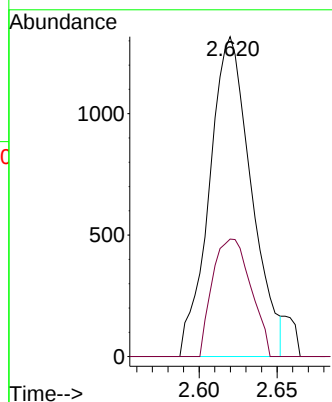
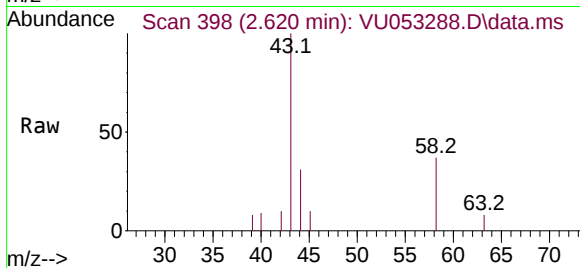
E0236

Tgt Ion: 43 Resp: 2462

Ion Ratio Lower Upper

43 100

58 33.6 0.0 75.0



#20

cis-1,2-Dichloroethene

Concen: 1.475 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VU053288.D

Acq: 17 Mar 2023 23:57

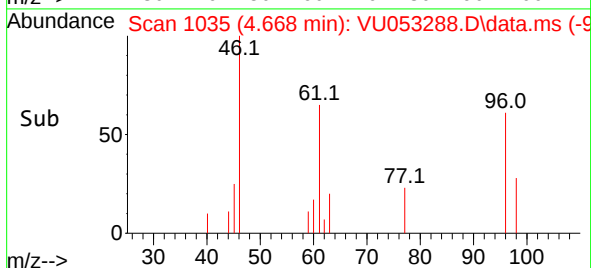
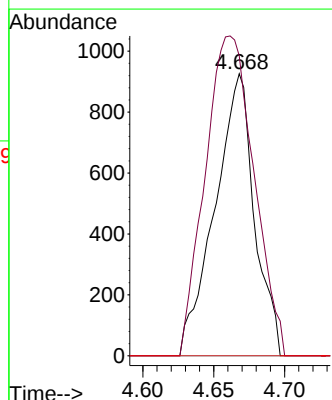
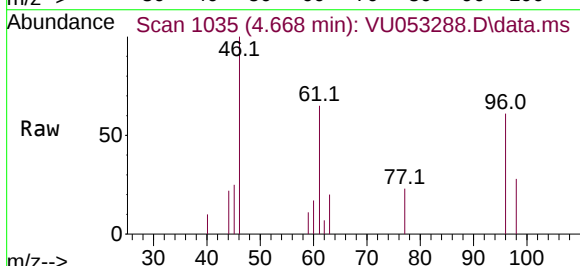
Tgt Ion: 96 Resp: 1796

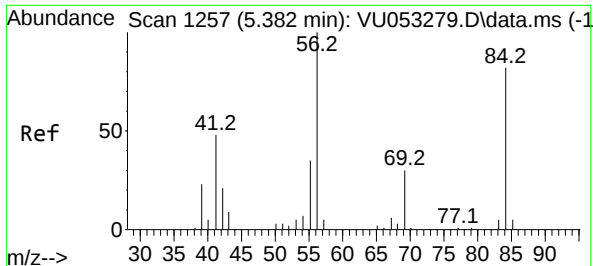
Ion Ratio Lower Upper

96 100

61 106.4 92.5 171.7

68 0.0 0.0 0.0





#29

Cyclohexane

Concen: 5.452 ug/L

RT: 5.385 min Scan# 1257

Delta R.T. 0.003 min

Lab File: VU053288.D

Acq: 17 Mar 2023 23:57

Instrument :

MSVOA_U

ClientSampleId :

E0236

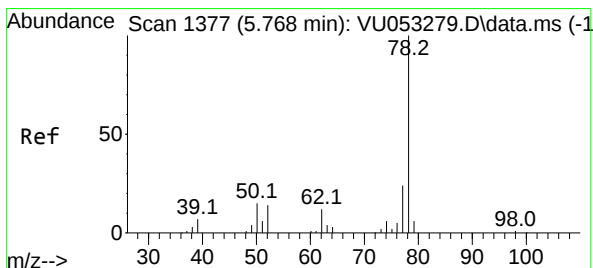
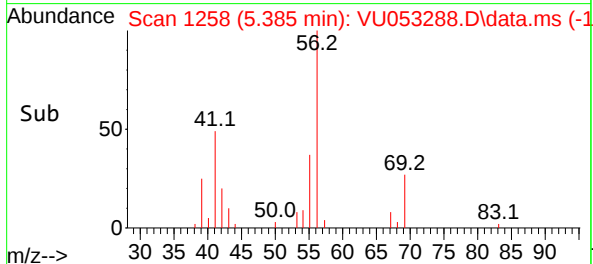
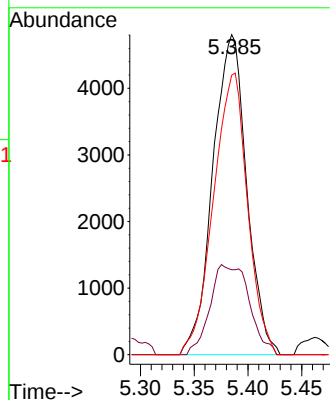
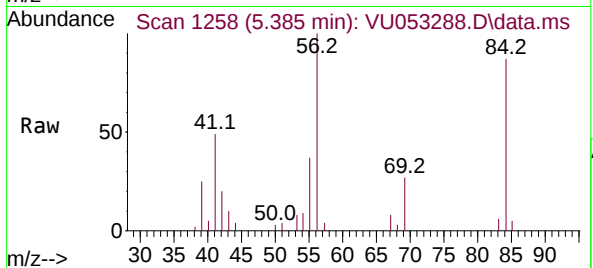
Tgt Ion: 56 Resp: 10537

Ion Ratio Lower Upper

56 100

69 18.3 25.4 38.0#

84 88.3 69.0 103.6



#33

Benzene

Concen: 29.963 ug/L

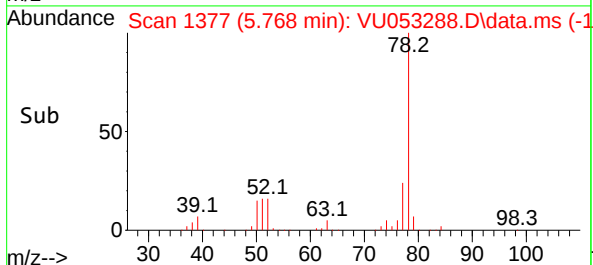
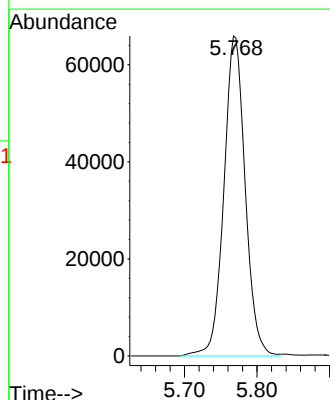
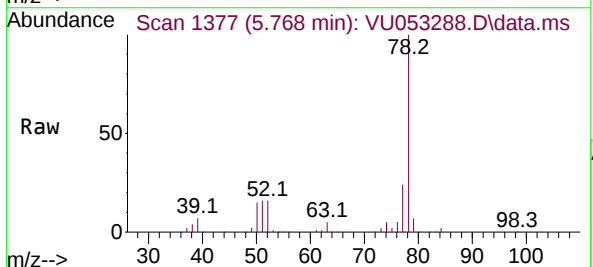
RT: 5.768 min Scan# 1377

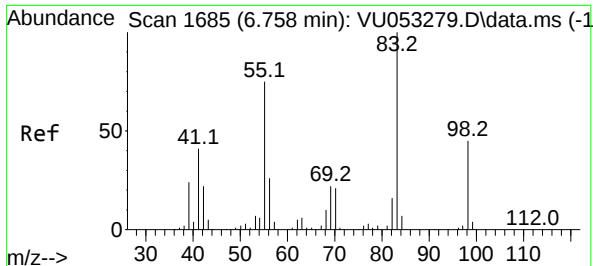
Delta R.T. -0.000 min

Lab File: VU053288.D

Acq: 17 Mar 2023 23:57

Tgt Ion: 78 Resp: 134728





#35

Methylcyclohexane

Concen: 3.620 ug/L

RT: 6.758 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU053288.D

Acq: 17 Mar 2023 23:57

Instrument :

MSVOA_U

ClientSampleId :

E0236

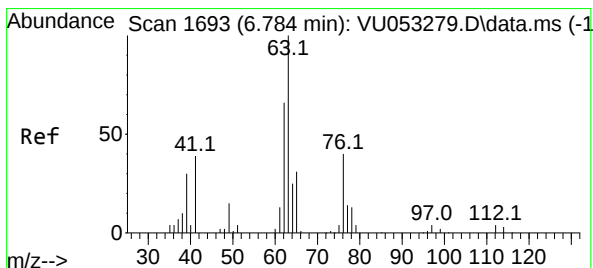
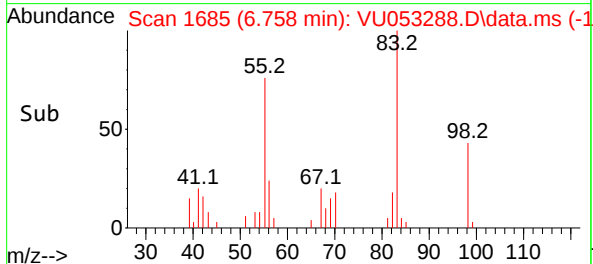
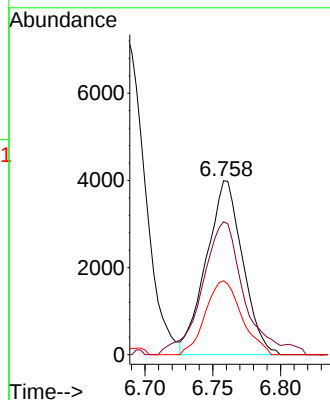
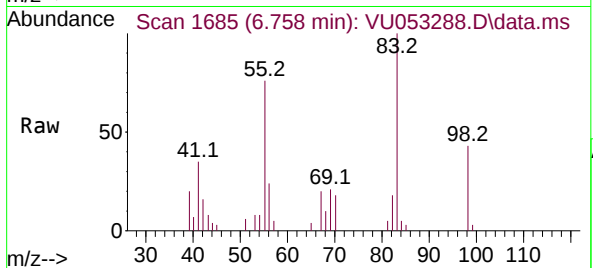
Tgt Ion: 83 Resp: 7439

Ion Ratio Lower Upper

83 100

55 85.5 58.2 87.4

98 42.3 35.4 53.2



#37

1,2-Dichloropropane

Concen: 5.892 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.097 min

Lab File: VU053288.D

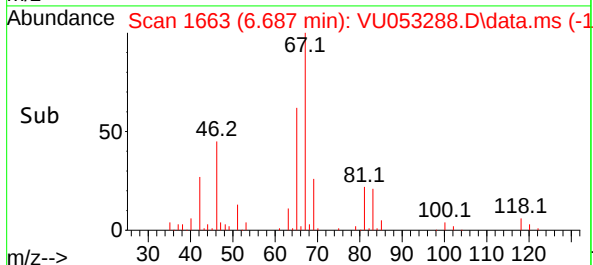
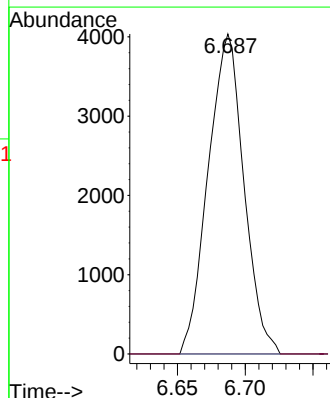
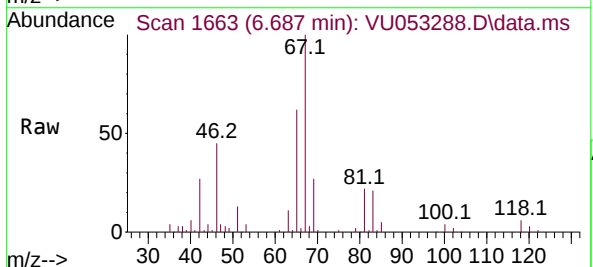
Acq: 17 Mar 2023 23:57

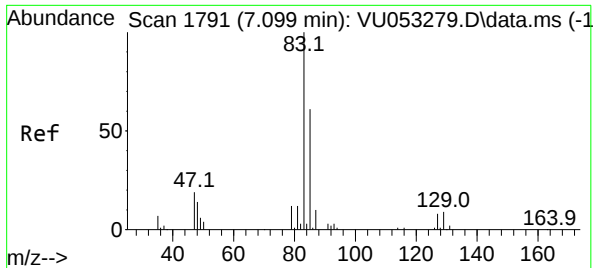
Tgt Ion: 63 Resp: 7392

Ion Ratio Lower Upper

63 100

112 0.6 2.6 3.8#

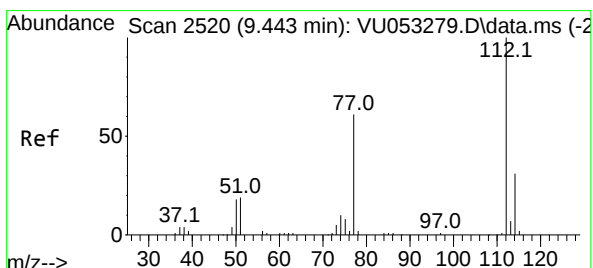
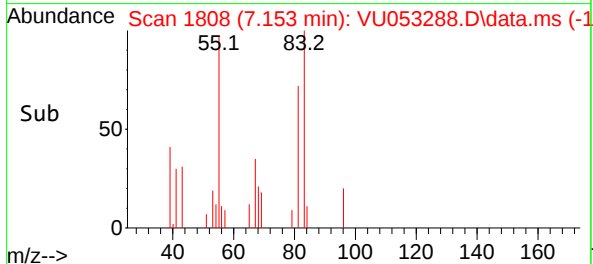
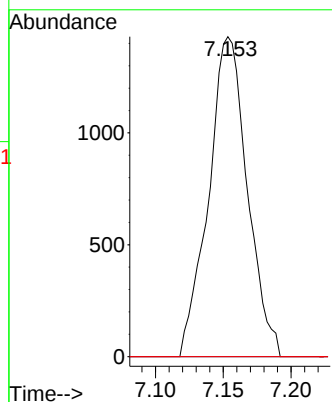
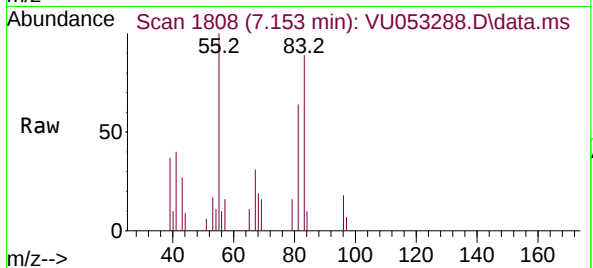




#38
Bromodichloromethane
Concen: 1.819 ug/L
RT: 7.153 min Scan# 1808
Delta R.T. 0.055 min
Lab File: VU053288.D
Acq: 17 Mar 2023 23:57

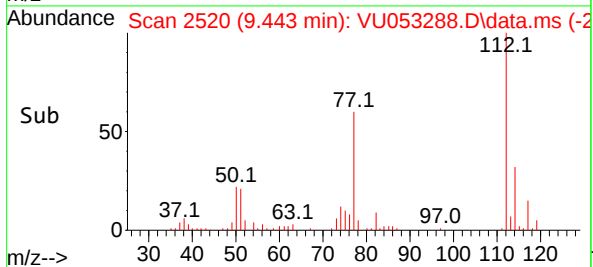
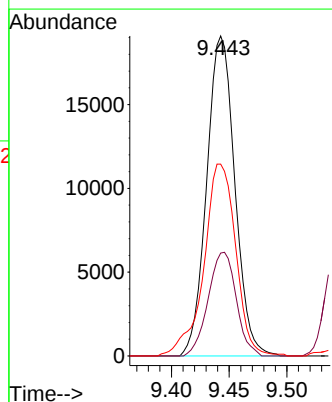
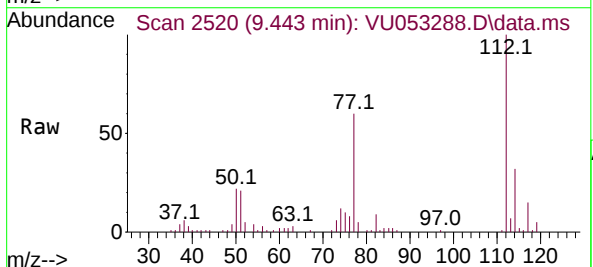
Instrument :
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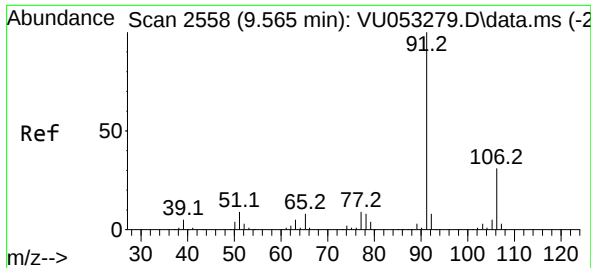
Tgt Ion: 83 Resp: 2840
Ion Ratio Lower Upper
83 100
85 0.0 45.4 84.2#
127 0.0 5.9 8.9#



#51
Chlorobenzene
Concen: 10.759 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU053288.D
Acq: 17 Mar 2023 23:57

Tgt Ion: 112 Resp: 32415
Ion Ratio Lower Upper
112 100
114 32.1 21.8 40.6
77 59.9 48.8 73.2

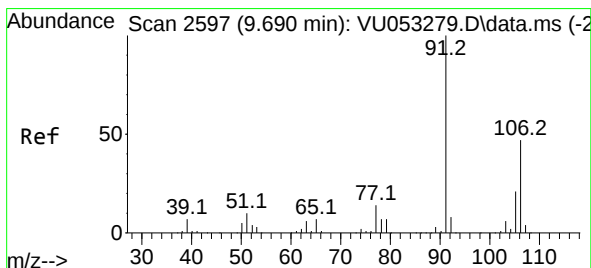
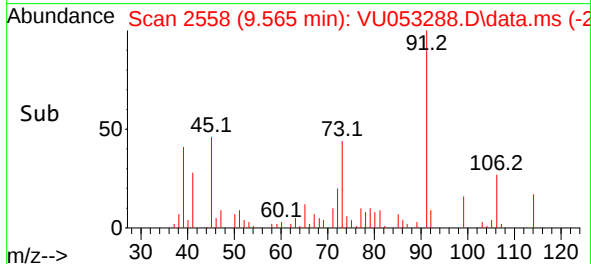
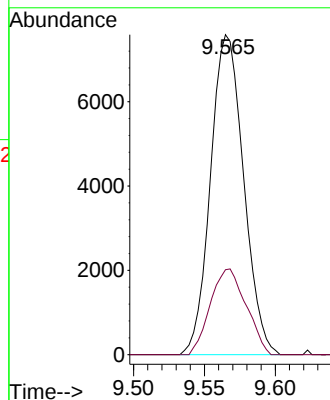
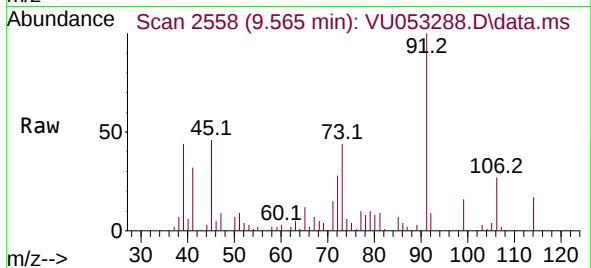




#52
Ethylbenzene
Concen: 2.250 ug/L
RT: 9.565 min Scan# 2558
Delta R.T. -0.000 min
Lab File: VU053288.D
Acq: 17 Mar 2023 23:57

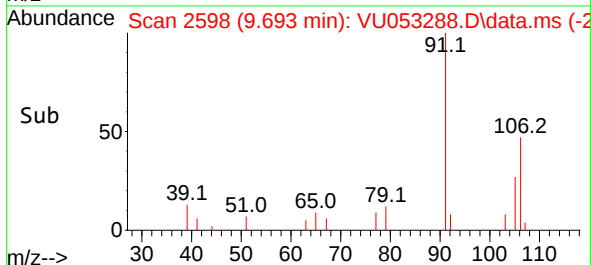
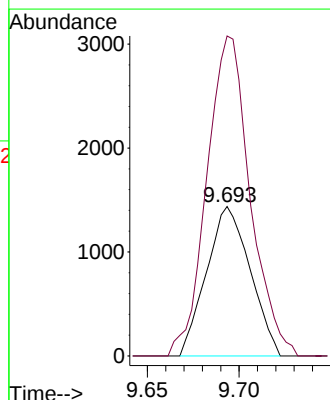
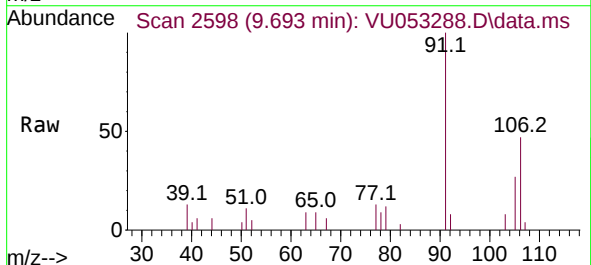
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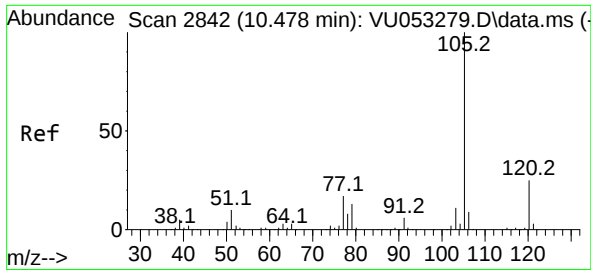
Tgt Ion: 91 Resp: 12332
Ion Ratio Lower Upper
91 100
106 26.5 21.6 40.0



#53
m,p-Xylene
Concen: 1.162 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.003 min
Lab File: VU053288.D
Acq: 17 Mar 2023 23:57

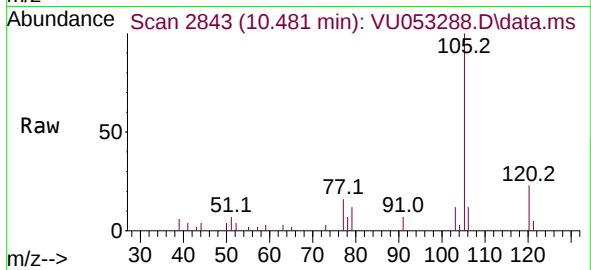
Tgt Ion:106 Resp: 2377
Ion Ratio Lower Upper
106 100
91 214.0 145.3 269.8





#61
Isopropylbenzene
Concen: 1.569 ug/L
RT: 10.481 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU053288.D
Acq: 17 Mar 2023 23:57

Instrument :
MSVOA_U
ClientSampleId :
E0236



Tgt Ion:	105	Resp:	7578
Ion	Ratio	Lower	Upper
105	100		
120	22.5	20.4	30.6
77	16.3	13.0	19.4

