

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051222\
 Data File : VU048543.D
 Acq On : 12 May 2022 15:49
 Operator : SY/MD
 Sample : N2801-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXLE1

Quant Time: May 13 03:59:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 13 03:54:05 2022
 Response via : Initial Calibration

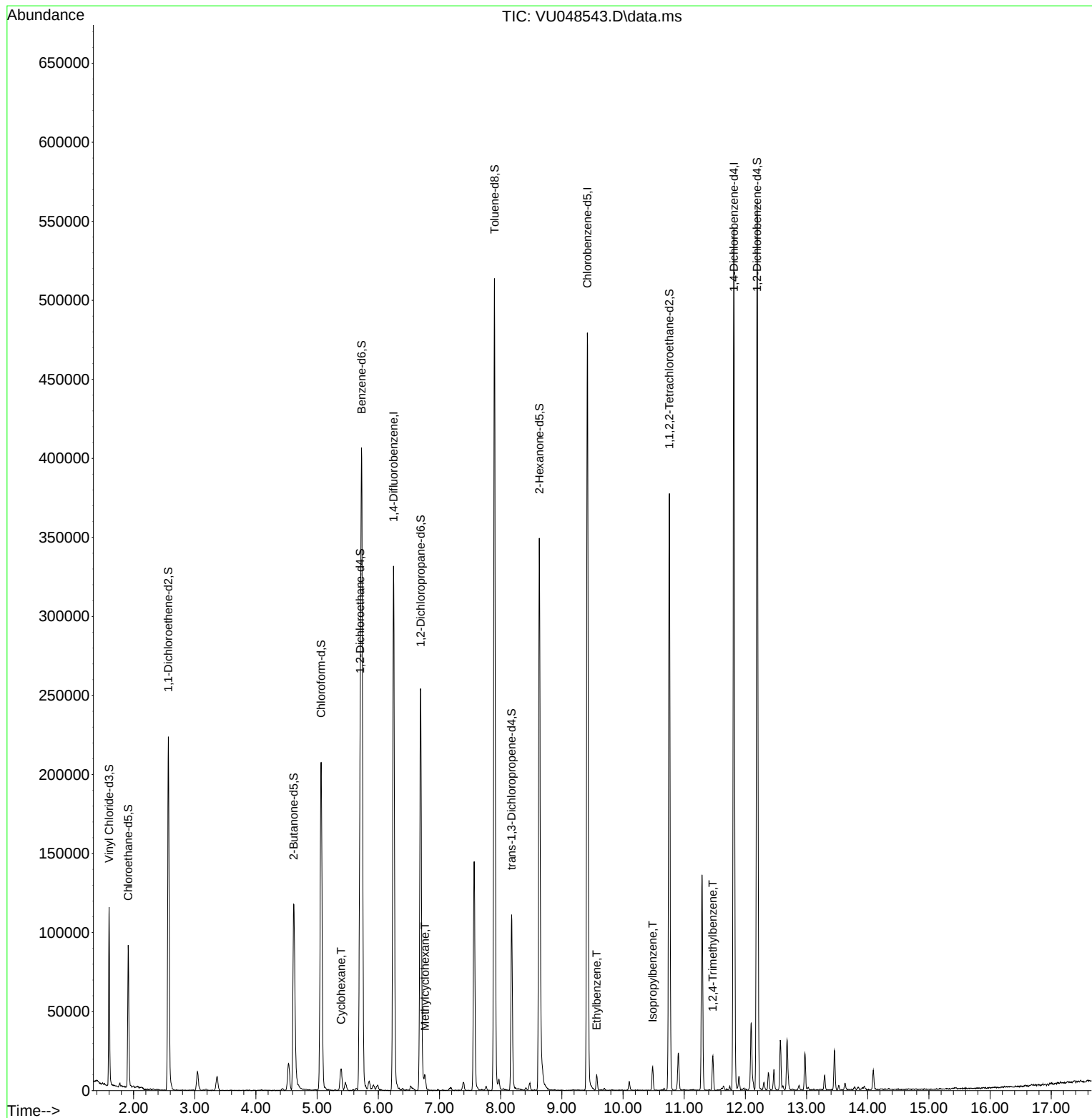
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	266369	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	268991	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	146609	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	77859	33.940	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.880%
7) Chloroethane-d5	1.912	69	63522	42.428	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.860%
11) 1,1-Dichloroethene-d2	2.568	63	129554	31.732	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.460%
21) 2-Butanone-d5	4.616	46	162733	83.296	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.300%
24) Chloroform-d	5.067	84	200148	50.231	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.460%
26) 1,2-Dichloroethane-d4	5.703	65	145123	56.029	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.060%
32) Benzene-d6	5.729	84	369394	45.191	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.380%
36) 1,2-Dichloropropane-d6	6.693	67	113783	42.687	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.380%
41) Toluene-d8	7.899	98	333245	46.097	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	8.179	79	64395	52.488	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.980%
47) 2-Hexanone-d5	8.632	63	119416	92.560	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.560%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	179020	44.091	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.180%
66) 1,2-Dichlorobenzene-d4	12.192	152	145762	50.209	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.420%
Target Compounds						
					Qvalue	
29) Cyclohexane	5.391	56	6490	1.748	ug/L #	67
35) Methylcyclohexane	6.764	83	3393	0.934	ug/L #	87
52) Ethylbenzene	9.568	91	7260	0.729	ug/L	98
61) Isopropylbenzene	10.484	105	9601	0.935	ug/L	96
63) 1,2,4-Trimethylbenzene	11.468	105	12507	1.483	ug/L	99

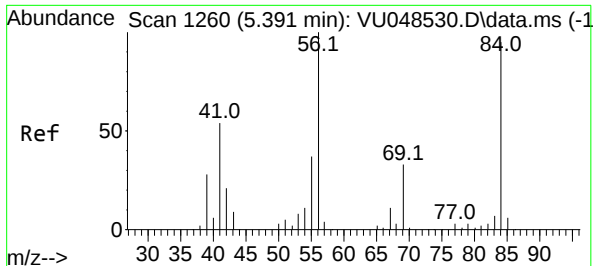
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#29

Cyclohexane

Concen: 1.748 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. 0.000 min

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MSVOA_U

ClientSampleId :

EXLE1

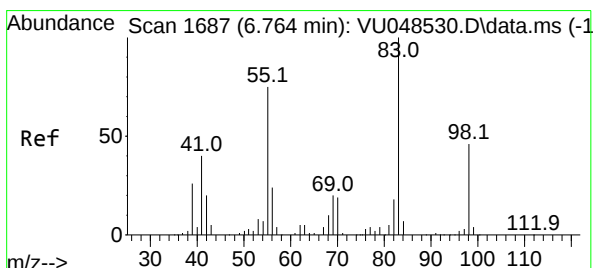
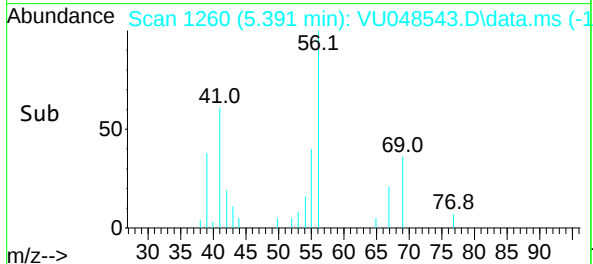
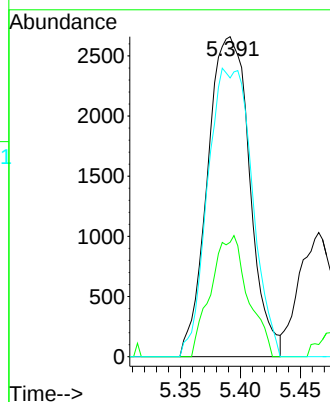
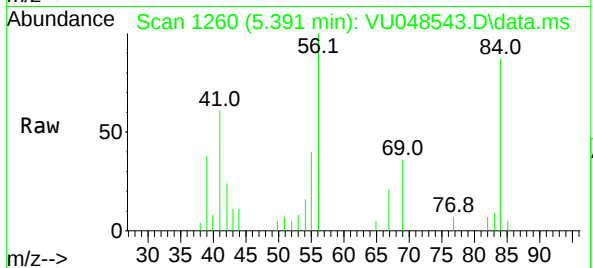
Tgt Ion: 56 Resp: 6490

Ion Ratio Lower Upper

56 100

69 15.5 23.4 35.0#

84 50.2 65.5 98.3#



#35

Methylcyclohexane

Concen: 0.934 ug/L

RT: 6.764 min Scan# 1687

Delta R.T. 0.000 min

Lab File: VU048543.D

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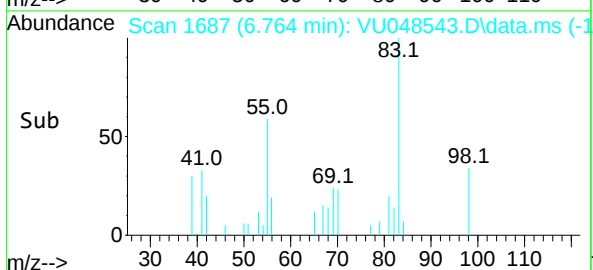
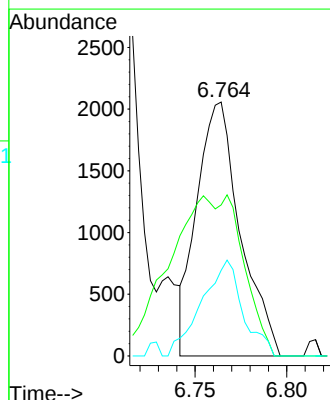
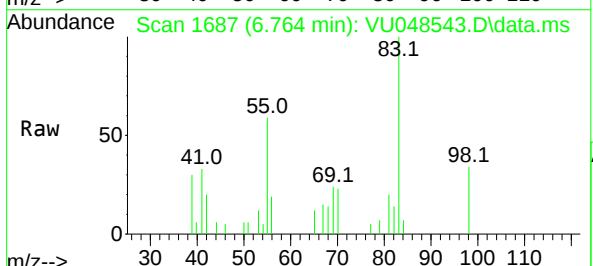
Tgt Ion: 83 Resp: 3393

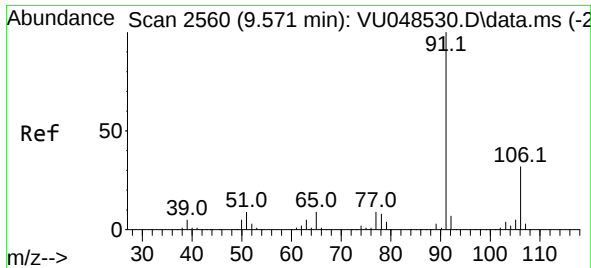
Ion Ratio Lower Upper

83 100

55 70.0 63.4 95.2

98 33.0 35.9 53.9#

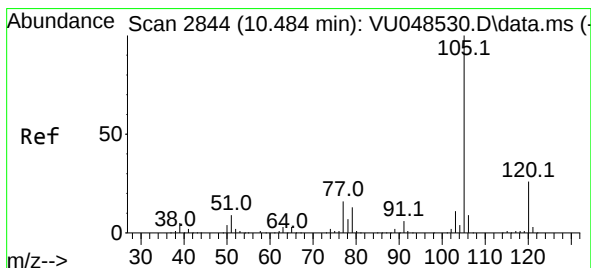
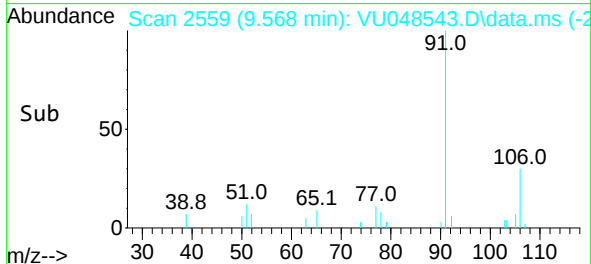
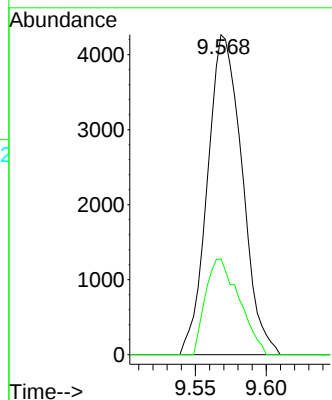
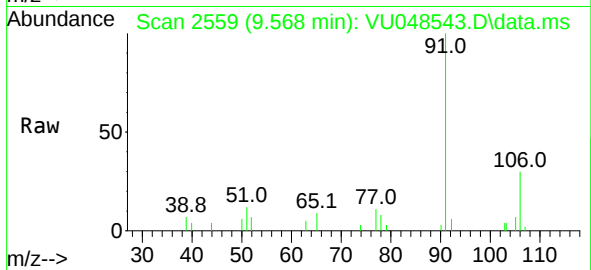




#52
Ethylbenzene
Concen: 0.729 ug/L
RT: 9.568 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048543.D
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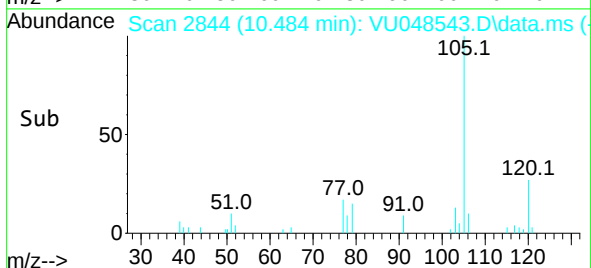
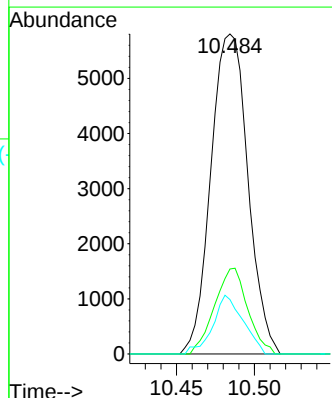
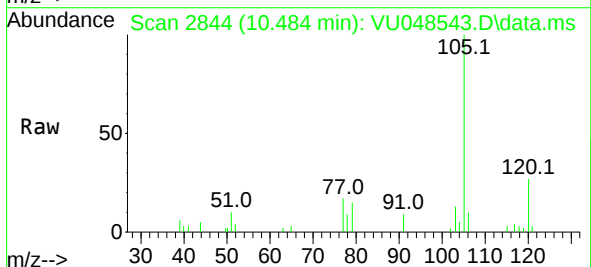
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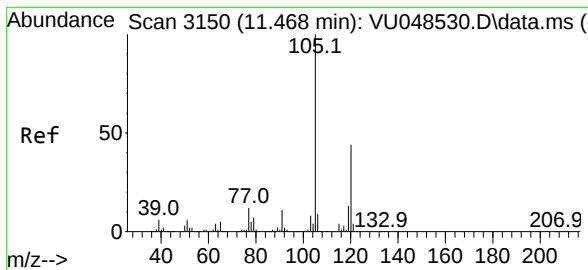
Tgt Ion: 91 Resp: 7260
Ion Ratio Lower Upper
91 100
106 30.0 21.7 40.3



#61
Isopropylbenzene
Concen: 0.935 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU048543.D
Acq: 12 May 2022 15:49

Tgt Ion: 105 Resp: 9601
Ion Ratio Lower Upper
105 100
120 24.0 21.0 31.4
77 14.5 12.5 18.7





#63
 1,2,4-Trimethylbenzene
 Concen: 1.483 ug/L
 RT: 11.468 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU048543.D
 Acq: 12 May 2022 15:49

Instrument :
 MSVOA_U
 ClientSampleId :
 EXLE1

Tgt Ion:105 Resp: 12507
 Ion Ratio Lower Upper
 105 100
 120 43.7 35.4 53.2

