

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
 Data File : VU048336.D
 Acq On : 28 Apr 2022 13:17
 Operator : SY/MD
 Sample : N2587-08DL 40X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXET4DL

Quant Time: Apr 29 04:29:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 29 04:27:14 2022
 Response via : Initial Calibration

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

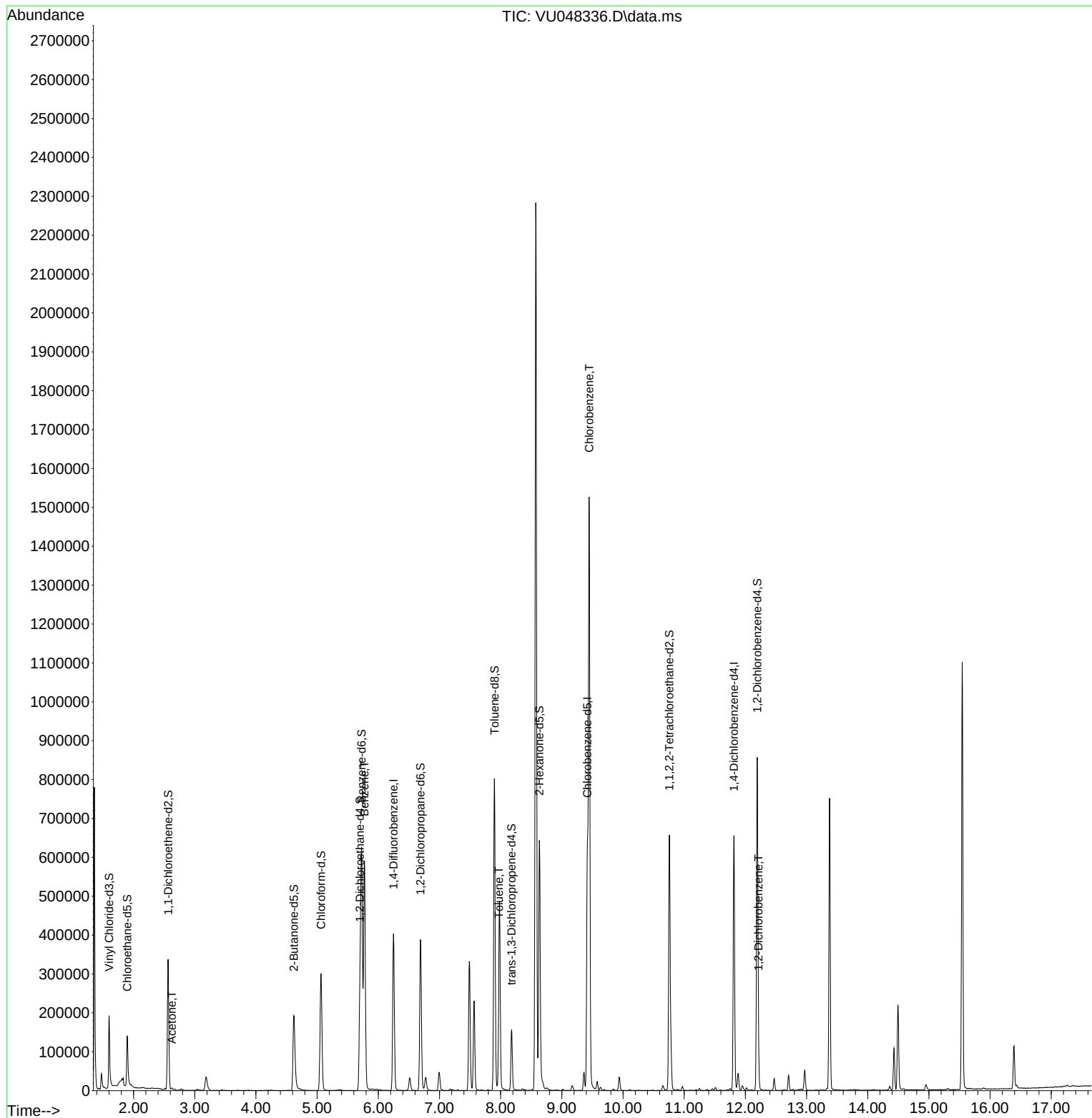
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	347859	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	356752	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	189300	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	147761	46.192	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.380%
7) Chloroethane-d5	1.896	69	116729	51.987	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.980%
11) 1,1-Dichloroethene-d2	2.565	63	193042	37.664	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.320%
21) 2-Butanone-d5	4.620	46	275401	100.943	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.940%
24) Chloroform-d	5.063	84	282539	48.696	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.700	65	180402	52.403	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.800%
32) Benzene-d6	5.726	84	598534	53.196	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.400%
36) 1,2-Dichloropropane-d6	6.690	67	194753	52.356	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.720%
41) Toluene-d8	7.899	98	554534	54.373	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.740%
43) trans-1,3-Dichloroprop...	8.179	79	89827	54.727	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.460%
47) 2-Hexanone-d5	8.632	63	234733	116.963	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.960%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	329162	50.455	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.920%
66) 1,2-Dichlorobenzene-d4	12.195	152	236294	55.489	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.980%
Target Compounds						
					Qvalue	
13) Acetone	2.626	43	6035	3.446	ug/L	98
33) Benzene	5.774	78	582819	55.178	ug/L	100
42) Toluene	7.970	91	33273	3.000	ug/L	99
51) Chlorobenzene	9.446	112	839678	105.047	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	7225	1.156	ug/L #	93

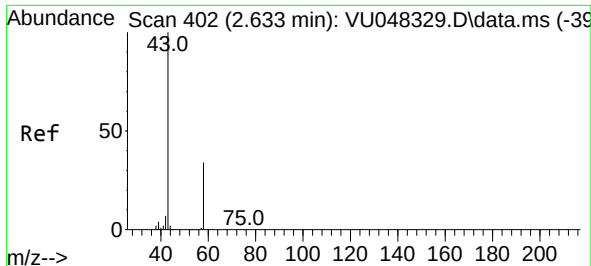
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Apr 29 04:27:14 2022
Response via : Initial Calibration





#13

Acetone

Concen: 3.446 ug/L

RT: 2.626 min Scan# 402

Delta R.T. -0.007 min

Lab File: VU048336.D

Acq: 28 Apr 2022 13:17

Instrument :

MSVOA_U

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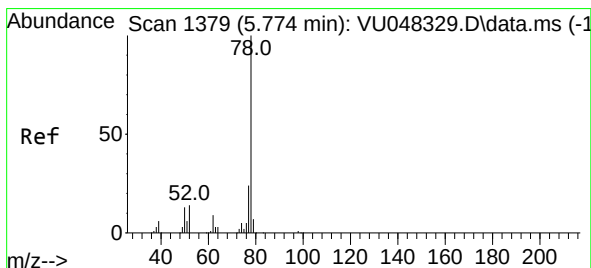
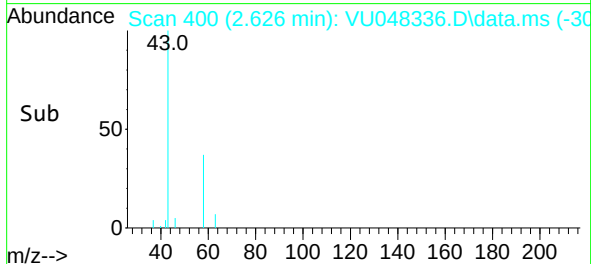
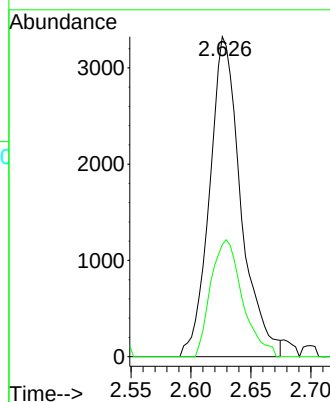
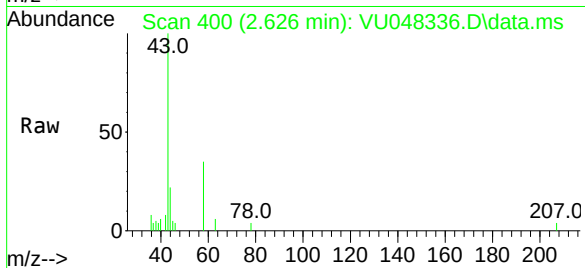
EXET4DL

Tgt Ion: 43 Resp: 6035

Ion Ratio Lower Upper

43 100

58 36.9 0.0 71.2



#33

Benzene

Concen: 55.178 ug/L

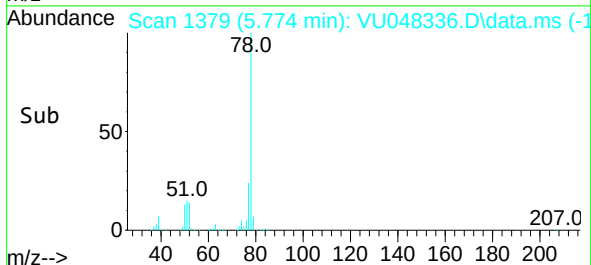
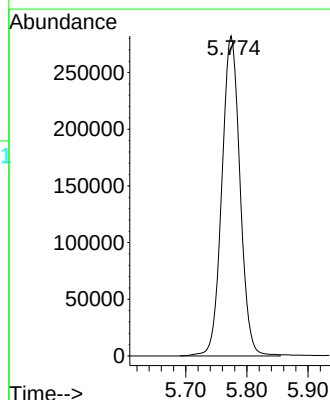
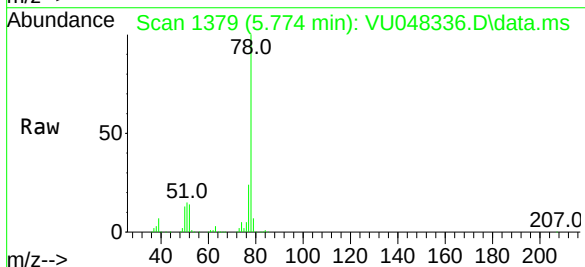
RT: 5.774 min Scan# 1379

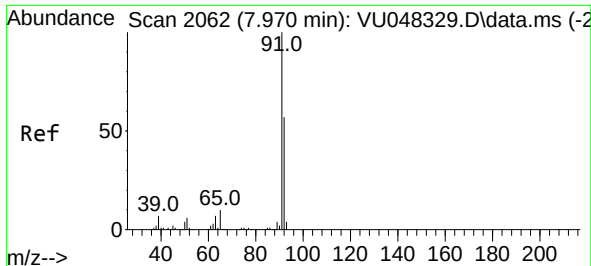
Delta R.T. -0.000 min

Lab File: VU048336.D

Acq: 28 Apr 2022 13:17

Tgt Ion: 78 Resp: 582819





#42

Toluene

Concen: 3.000 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048336.D

Acq: 28 Apr 2022 13:17

Instrument :

MSVOA_U

ClientSampleId :

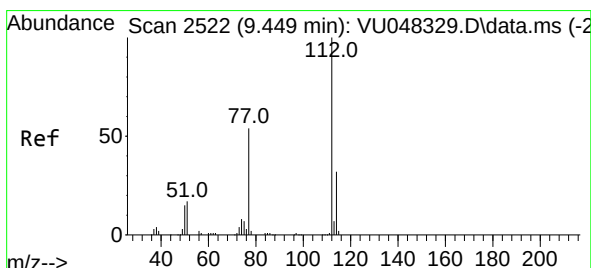
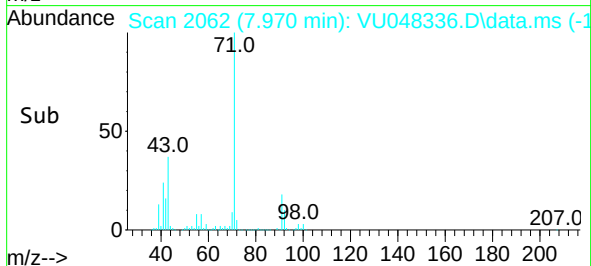
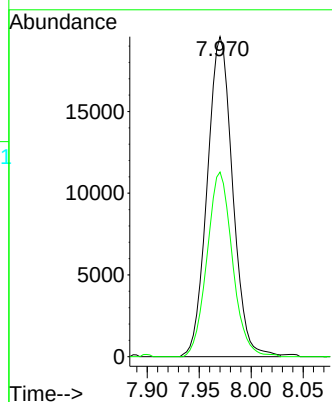
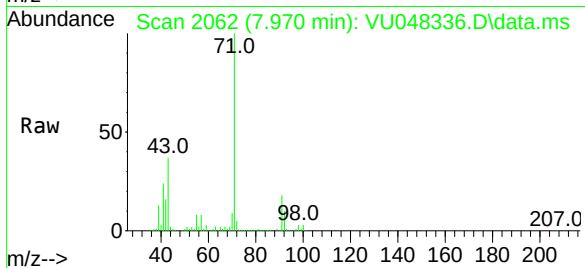
EXET4DL

Tgt Ion: 91 Resp: 33273

Ion Ratio Lower Upper

91 100

92 57.7 40.9 76.0



#51

Chlorobenzene

Concen: 105.047 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.003 min

Lab File: VU048336.D

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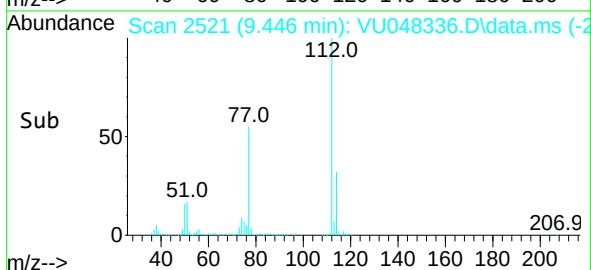
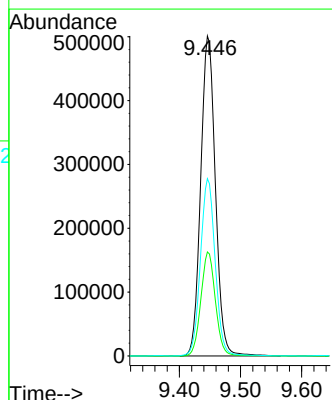
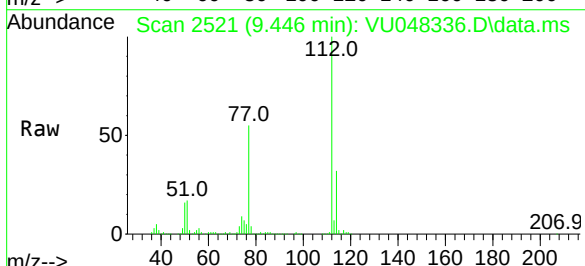
Tgt Ion: 112 Resp: 839678

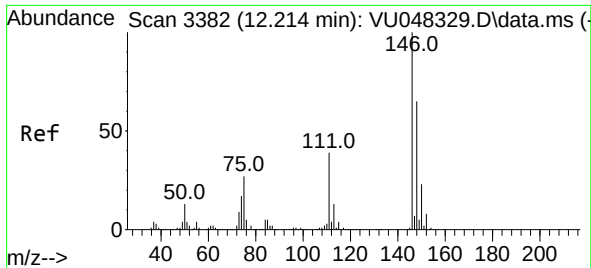
Ion Ratio Lower Upper

112 100

114 32.5 22.7 42.1

77 55.4 44.3 66.5





#67

1,2-Dichlorobenzene

Concen: 1.156 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU048336.D

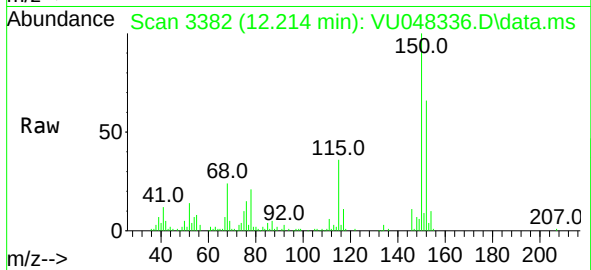
Acq: 28 Apr 2022 13:17

Instrument :

MSVOA_U

ClientSampleId :

EXET4DL



Tgt Ion:	146	Resp:	7225
Ion Ratio	Lower	Upper	
146	100		
111	48.7	31.7	47.5#
148	61.7	50.9	76.3

