

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
 Data File : VU048342.D
 Acq On : 28 Apr 2022 15:37
 Operator : SY/MD
 Sample : N2587-02DL 40X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXET0DL

Quant Time: Apr 29 04:30:53 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)

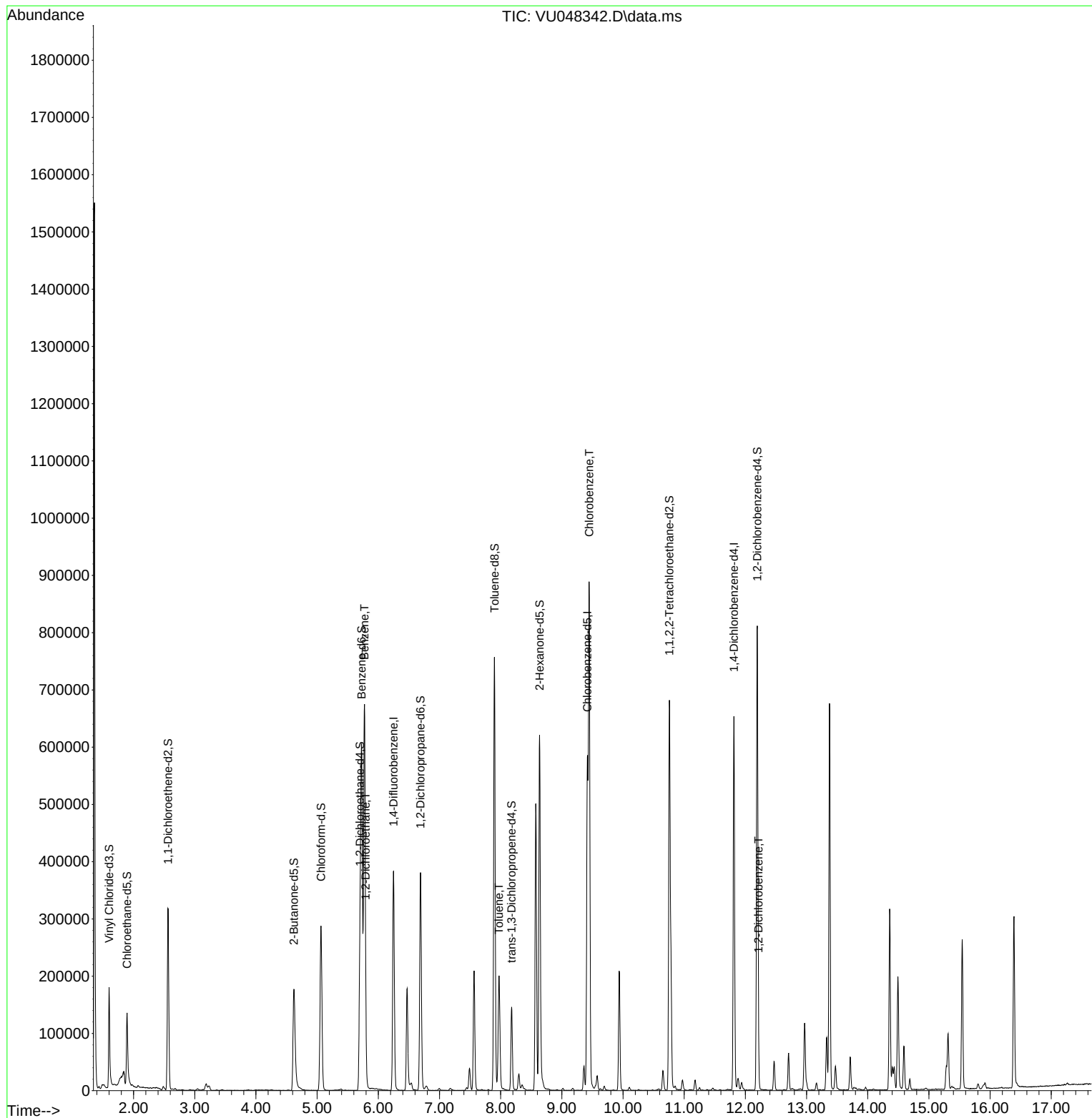
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	329779	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	335609	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	184600	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	138891	45.800	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.600%
7) Chloroethane-d5	1.893	69	115457	54.239	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.480%
11) 1,1-Dichloroethene-d2	2.562	63	183465	37.758	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.520%
21) 2-Butanone-d5	4.620	46	263852	102.012	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.010%
24) Chloroform-d	5.063	84	272121	49.472	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.940%
26) 1,2-Dichloroethane-d4	5.700	65	175992	53.925	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.860%
32) Benzene-d6	5.726	84	577348	54.546	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.100%
36) 1,2-Dichloropropane-d6	6.690	67	188965	54.001	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.000%
41) Toluene-d8	7.899	98	520250	54.225	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.440%
43) trans-1,3-Dichloroprop...	8.179	79	81747	52.942	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.880%
47) 2-Hexanone-d5	8.636	63	222171	117.678	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.680%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	328707	53.560	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.120%
66) 1,2-Dichlorobenzene-d4	12.195	152	230533	55.515	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.020%
Target Compounds						
					Qvalue	
27) 1,2-Dichloroethane	5.793	62	28511	8.126	ug/L	96
33) Benzene	5.774	78	655068	65.925	ug/L	100
42) Toluene	7.970	91	114544	10.980	ug/L	98
51) Chlorobenzene	9.446	112	466641	62.056	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	4249	0.697	ug/L	95

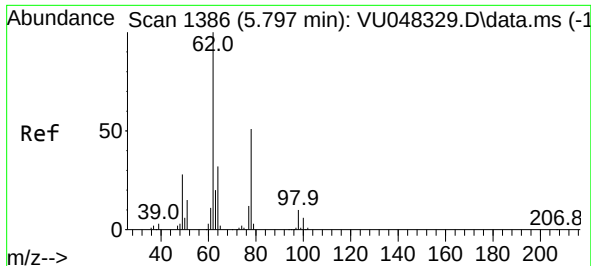
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

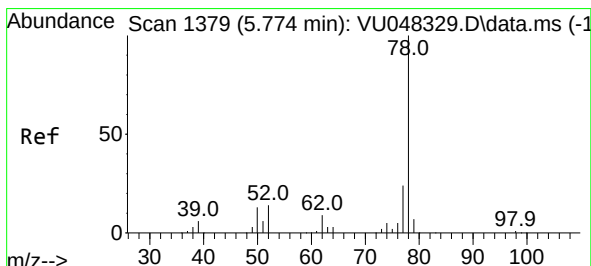
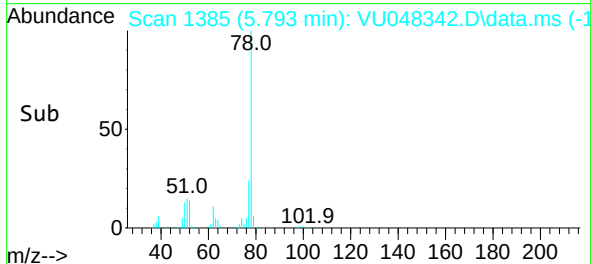
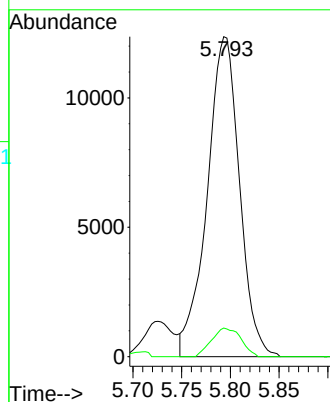
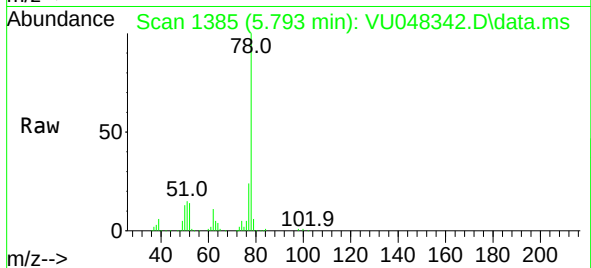




#27
1,2-Dichloroethane
Concen: 8.126 ug/L
RT: 5.793 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048342.D
Acq: 28 Apr 2022 15:37

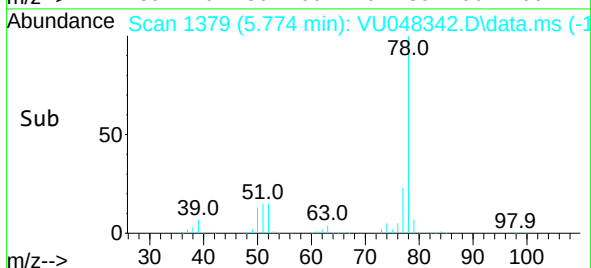
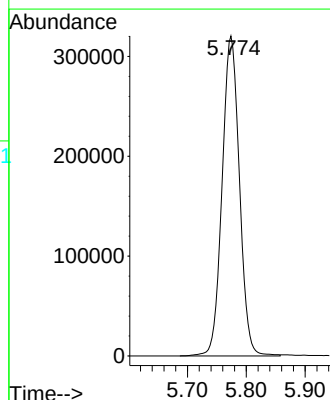
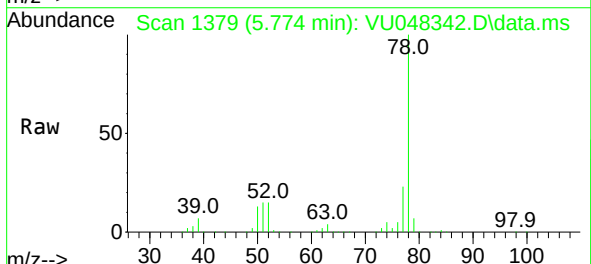
Instrument :
MSVOA_U
ClientSampleId :
EXET0DL

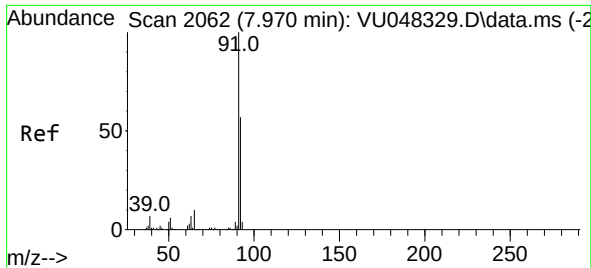
Tgt Ion: 62 Resp: 28511
Ion Ratio Lower Upper
62 100
98 9.0 8.5 12.7



#33
Benzene
Concen: 65.925 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU048342.D
Acq: 28 Apr 2022 15:37

Tgt Ion: 78 Resp: 655068





#42

Toluene

Concen: 10.980 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048342.D

Acq: 28 Apr 2022 15:37

Instrument :

MSVOA_U

ClientSampleId :

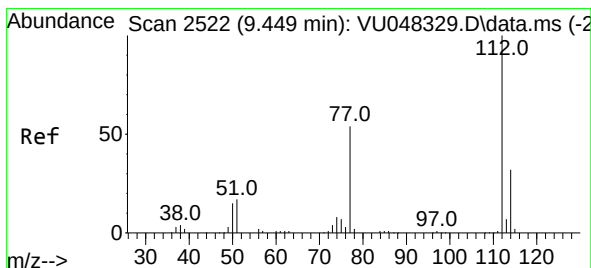
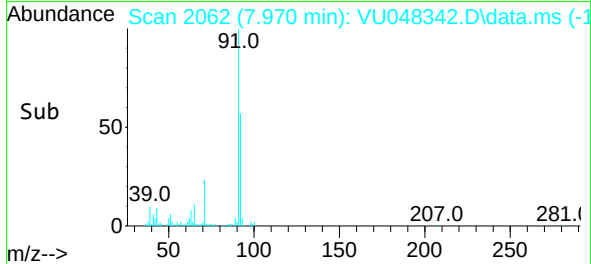
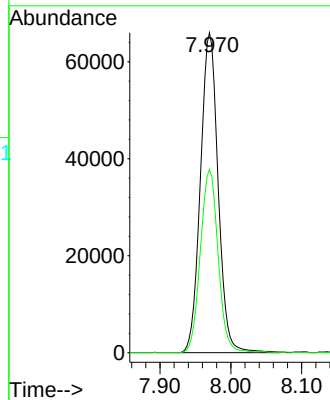
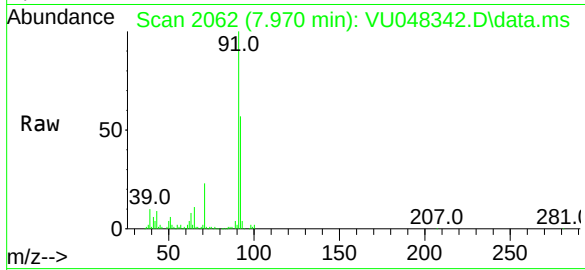
EXET0DL

Tgt Ion: 91 Resp: 114544

Ion Ratio Lower Upper

91 100

92 57.3 40.9 76.0



#51

Chlorobenzene

Concen: 62.056 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.003 min

Lab File: VU048342.D

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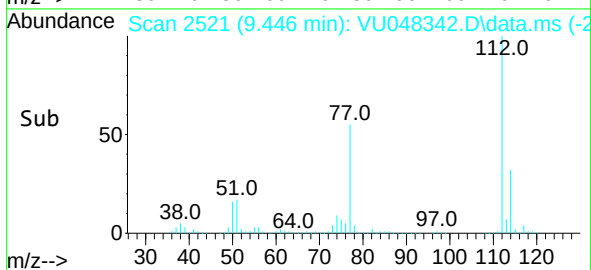
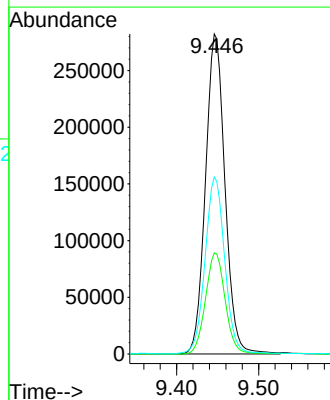
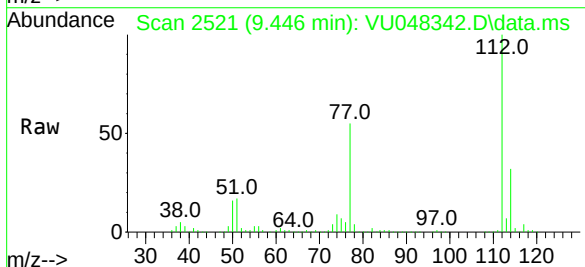
Tgt Ion: 112 Resp: 466641

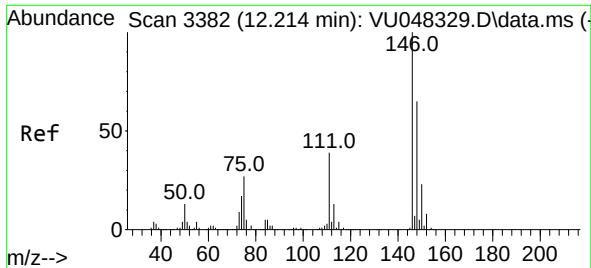
Ion Ratio Lower Upper

112 100

114 31.6 22.7 42.1

77 55.3 44.3 66.5





#67

1,2-Dichlorobenzene

Concen: 0.697 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU048342.D

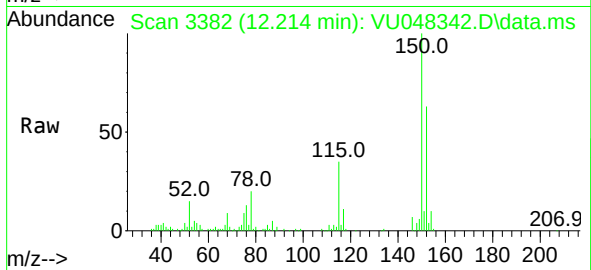
Acq: 28 Apr 2022 15:37

Instrument :

MSVOA_U

ClientSampleId :

EXET0DL



Tgt Ion:146 Resp: 4249

Ion Ratio Lower Upper

146 100

111 44.0 31.7 47.5

148 60.4 50.9 76.3

