

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
 Data File : VU048344.D
 Acq On : 28 Apr 2022 16:24
 Operator : SY/MD
 Sample : N2587-09DL 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXET5DL

Quant Time: Apr 29 04:31:23 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)

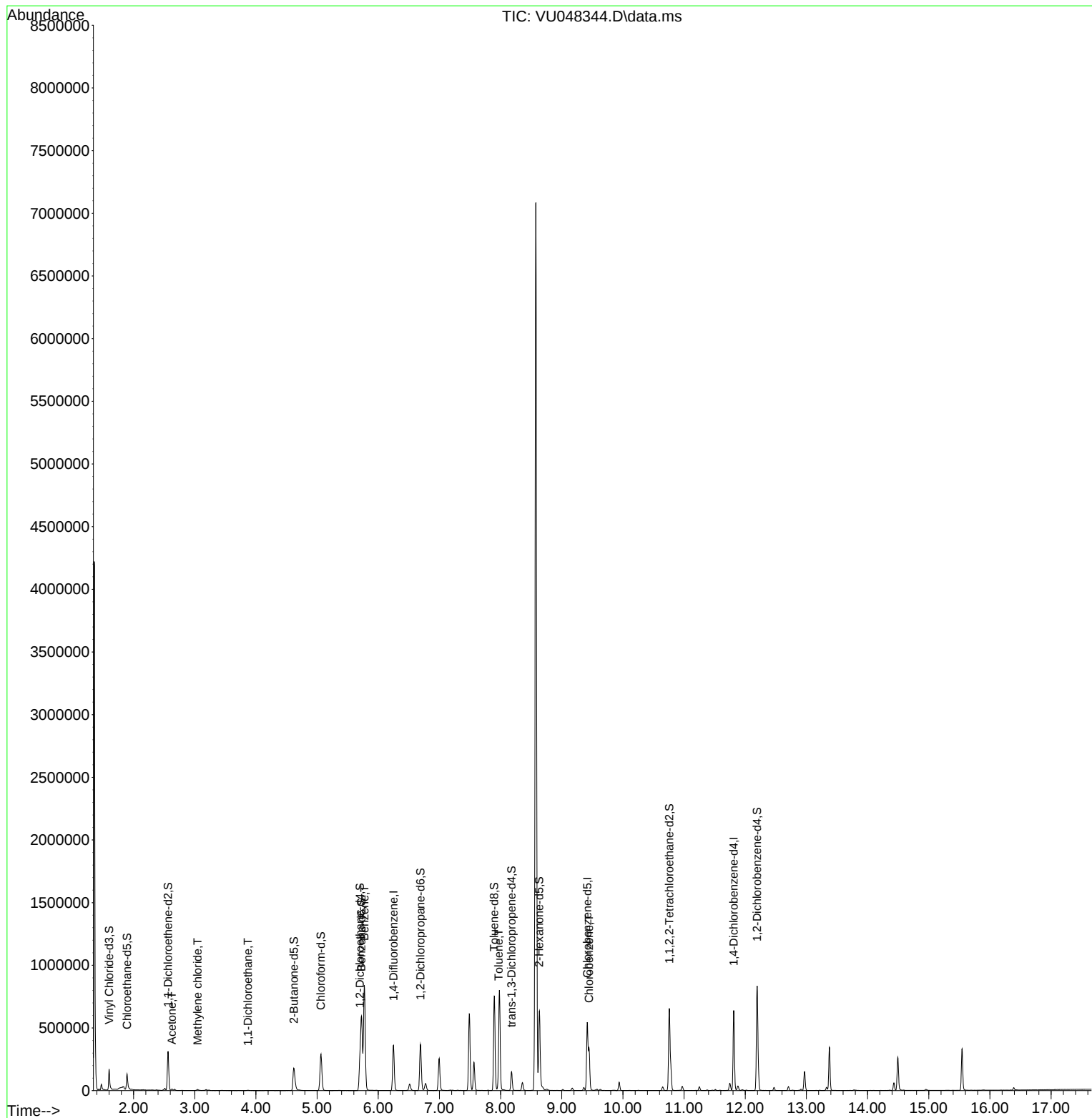
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	311074	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	317004	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	179328	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	133163	46.552	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.100%
7) Chloroethane-d5	1.893	69	111160	55.361	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.720%
11) 1,1-Dichloroethene-d2	2.562	63	179419	39.145	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.300%
21) 2-Butanone-d5	4.620	46	263162	107.863	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.860%
24) Chloroform-d	5.063	84	270365	52.108	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.220%
26) 1,2-Dichloroethane-d4	5.700	65	172127	55.912	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.820%
32) Benzene-d6	5.726	84	567603	56.772	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.540%
36) 1,2-Dichloropropane-d6	6.690	67	183563	55.536	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.080%
41) Toluene-d8	7.896	98	521738	57.571	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.140%
43) trans-1,3-Dichloroprop...	8.179	79	83502	57.252	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	114.500%
47) 2-Hexanone-d5	8.632	63	231333	129.722	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	129.720%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	319410	55.100	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	228458	56.632	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.260%
Target Compounds						
					Qvalue	
13) Acetone	2.626	43	14248	9.097	ug/L	99
16) Methylene chloride	3.044	84	4895	1.856	ug/L	95
19) 1,1-Dichloroethane	3.867	63	3978	0.895	ug/L #	90
33) Benzene	5.774	78	827368	88.152	ug/L	100
42) Toluene	7.970	91	44421	4.508	ug/L	98
51) Chlorobenzene	9.446	112	168811	23.767	ug/L	99

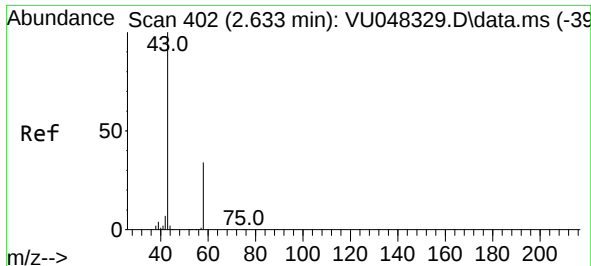
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 29 04:27:14 2022
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#13

Acetone

Concen: 9.097 ug/L

RT: 2.626 min Scan# 40

Delta R.T. -0.007 min

Lab File: VU048344.D

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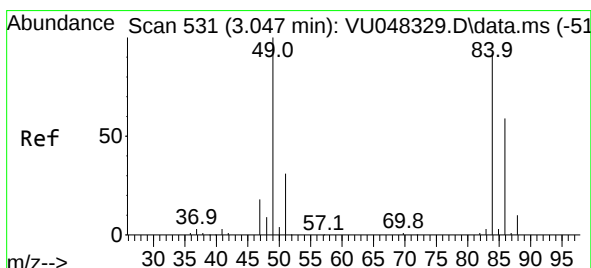
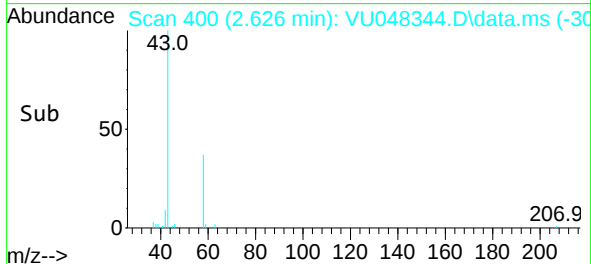
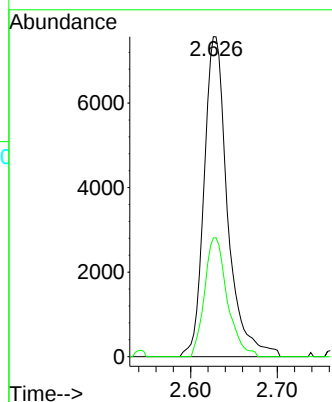
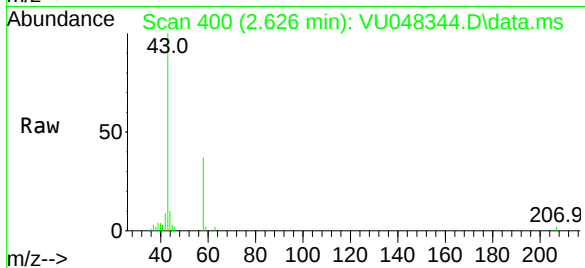
EXET5DL

Tgt Ion: 43 Resp: 14248

Ion Ratio Lower Upper

43 100

58 35.9 0.0 71.2



#16

Methylene chloride

Concen: 1.856 ug/L

RT: 3.044 min Scan# 530

Delta R.T. -0.003 min

Lab File: VU048344.D

Acq: 28 Apr 2022 16:24

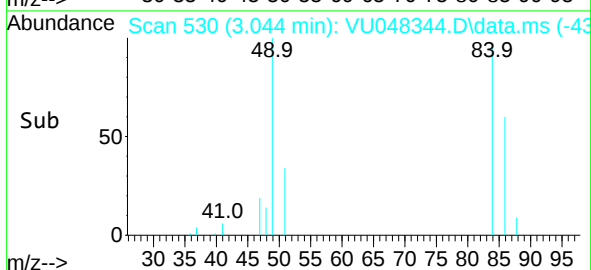
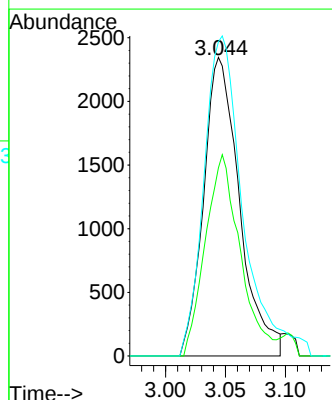
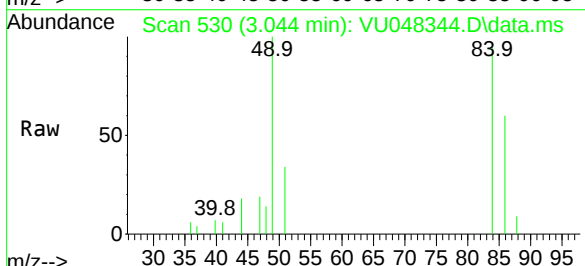
Tgt Ion: 84 Resp: 4895

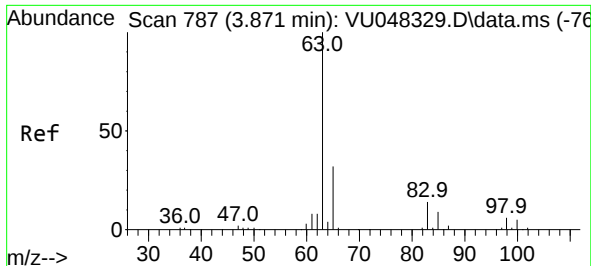
Ion Ratio Lower Upper

84 100

86 63.0 45.4 84.2

49 105.2 79.2 147.0





#19

1,1-Dichloroethane

Concen: 0.895 ug/L

RT: 3.867 min Scan# 787

Delta R.T. -0.003 min

Lab File: VU048344.D

Acq: 28 Apr 2022 16:24

Instrument :

MSVOA_U

ClientSampleId :

EXET5DL

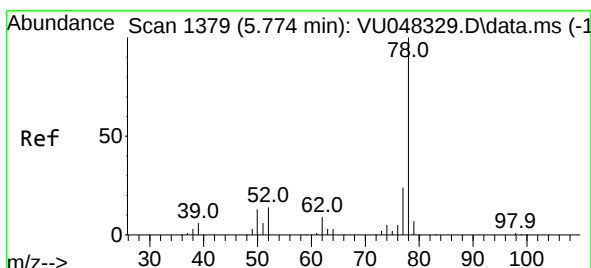
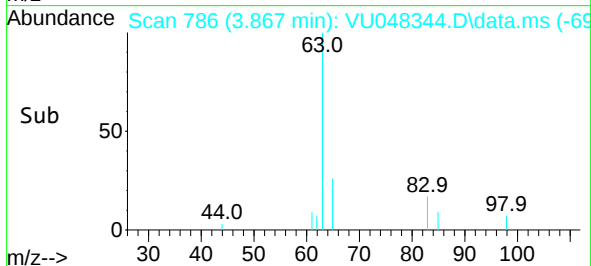
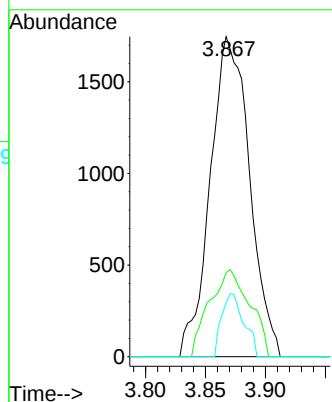
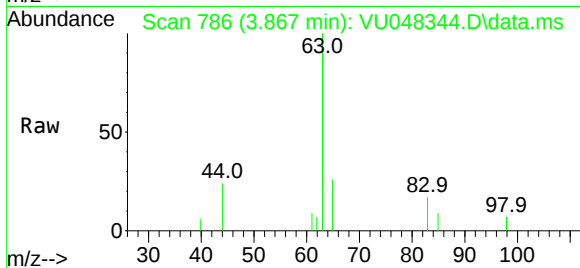
Tgt Ion: 63 Resp: 3978

Ion Ratio Lower Upper

63 100

65 26.3 22.0 40.8

83 16.8 8.8 16.4#



#33

Benzene

Concen: 88.152 ug/L

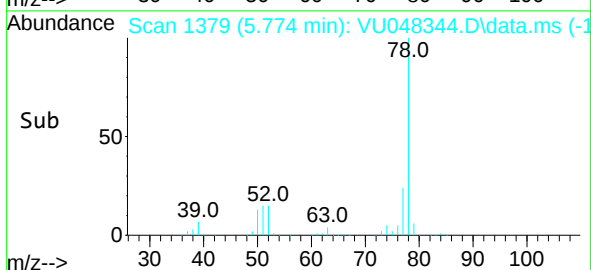
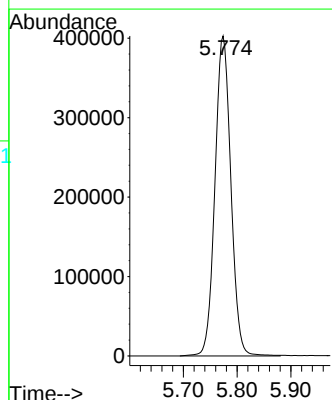
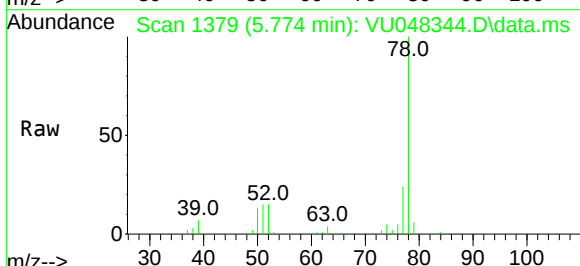
RT: 5.774 min Scan# 1379

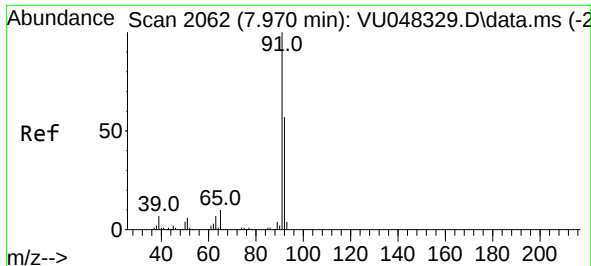
Delta R.T. -0.000 min

Lab File: VU048344.D

Acq: 28 Apr 2022 16:24

Tgt Ion: 78 Resp: 827368





#42

Toluene

Concen: 4.508 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048344.D

Acq: 28 Apr 2022 16:24

Instrument :

MSVOA_U

ClientSampleId :

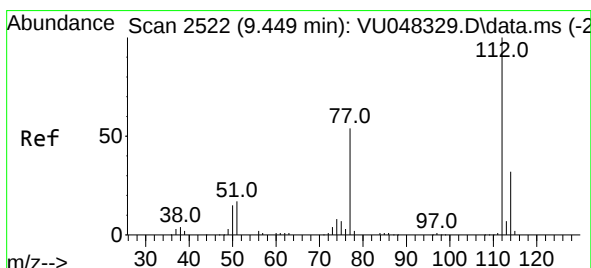
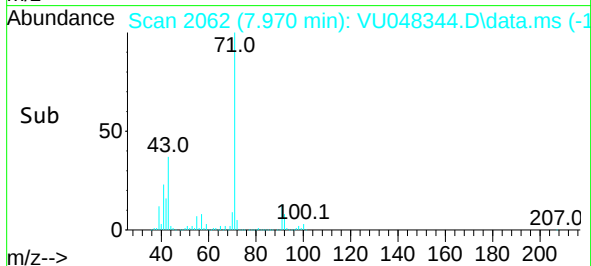
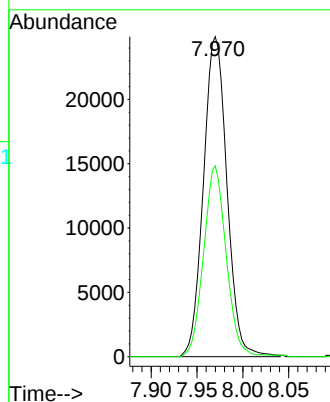
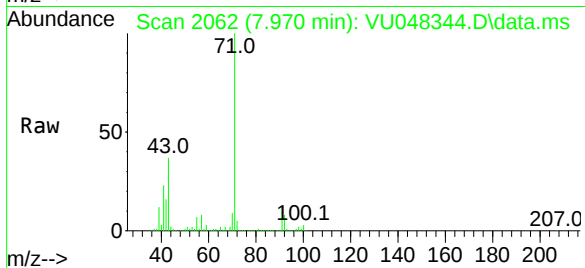
EXET5DL

Tgt Ion: 91 Resp: 44421

Ion Ratio Lower Upper

91 100

92 59.7 40.9 76.0



#51

Chlorobenzene

Concen: 23.767 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.003 min

Lab File: VU048344.D

Acq: 28 Apr 2022 16:24

Tgt Ion: 112 Resp: 168811

Ion Ratio Lower Upper

112 100

114 31.6 22.7 42.1

77 55.5 44.3 66.5

