

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
 Data File : VU047985.D
 Acq On : 13 Apr 2022 02:42
 Operator : SY/MD
 Sample : N2358-01 4X
 Misc : 6.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 46 Sample Multiplier: 1

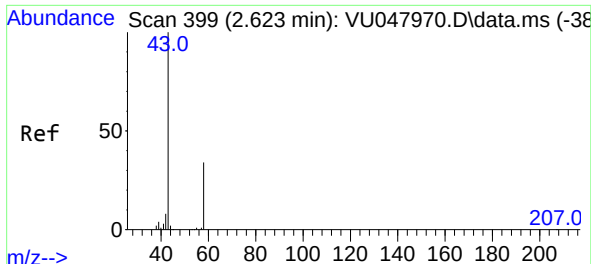
Instrument :
 MSVOA_U
 ClientSampleId :
 ETNS1

Quant Time: Apr 13 04:53:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 13 04:40:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	361363	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	381560	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	202192	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	83887	32.012	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.020%
7) Chloroethane-d5	1.903	69	72201	34.943	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.880%#
11) 1,1-Dichloroethene-d2	2.565	63	115086	24.004	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	48.000%#
21) 2-Butanone-d5	4.629	46	216969	96.464	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.460%
24) Chloroform-d	5.063	84	196033	40.885	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.760%
26) 1,2-Dichloroethane-d4	5.703	65	130847	44.495	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.980%
32) Benzene-d6	5.729	84	378953	39.470	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.940%
36) 1,2-Dichloropropane-d6	6.690	67	130982	44.422	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.840%
41) Toluene-d8	7.899	98	327068	34.964	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	69.920%#
43) trans-1,3-Dichloroprop...	8.182	79	55171	36.933	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.860%
47) 2-Hexanone-d5	8.639	63	162820	94.328	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.330%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	230732	45.597	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	161351	44.855	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.700%
Target Compounds						
					Qvalue	
13) Acetone	2.642	43	7118	3.401	ug/L	95
33) Benzene	5.774	78	123138	11.149	ug/L	100
42) Toluene	7.970	91	16184	1.336	ug/L	97
51) Chlorobenzene	9.449	112	369587	44.917	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	85053	13.520	ug/L	96
67) 1,2-Dichlorobenzene	12.214	146	48830	8.035	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	10845	2.510	ug/L	96

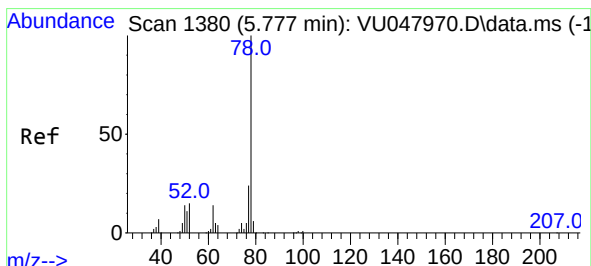
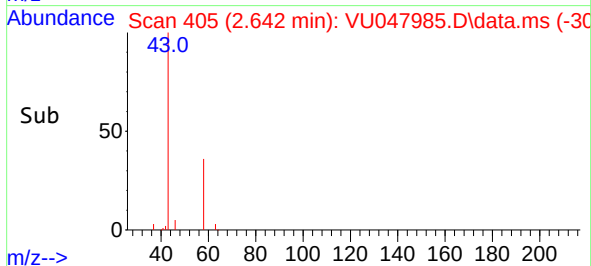
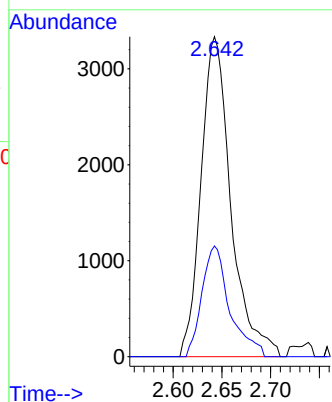
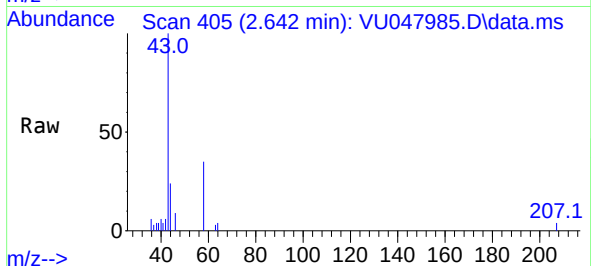
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#13
Acetone
Concen: 3.401 ug/L
RT: 2.642 min Scan# 405
Delta R.T. 0.019 min
Lab File: VU047985.D
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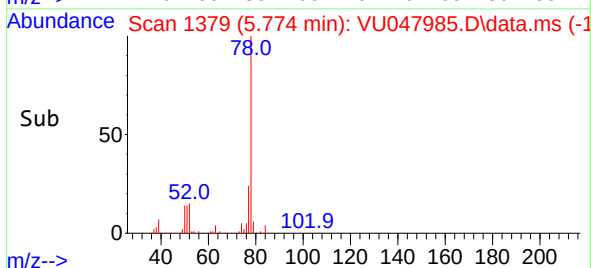
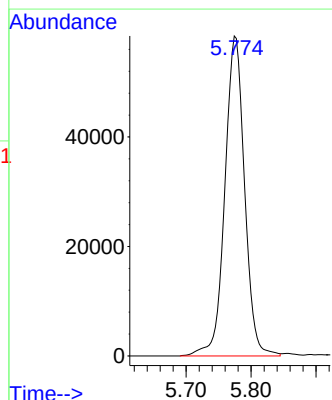
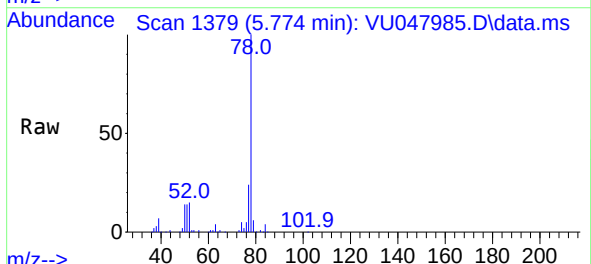
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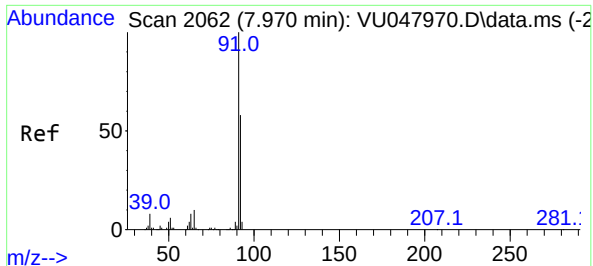
Tgt Ion: 43 Resp: 7118
Ion Ratio Lower Upper
43 100
58 32.2 0.0 70.0



#33
Benzene
Concen: 11.149 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.003 min
Lab File: VU047985.D
Acq: 13 Apr 2022 02:42

Tgt Ion: 78 Resp: 123138

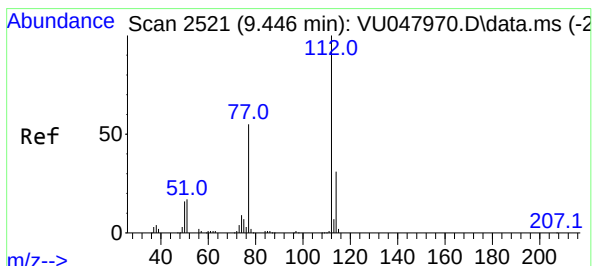
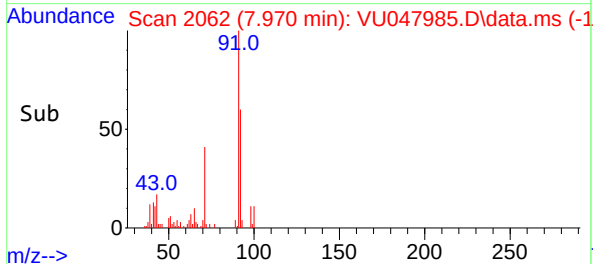
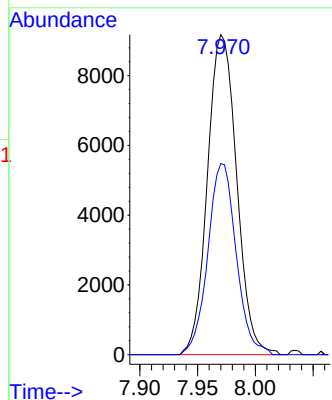
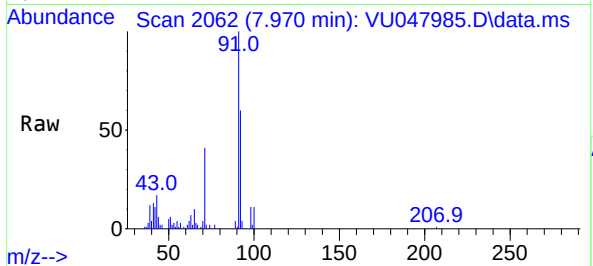




#42
Toluene
Concen: 1.336 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU047985.D
Acq: 13 Apr 2022 02:42

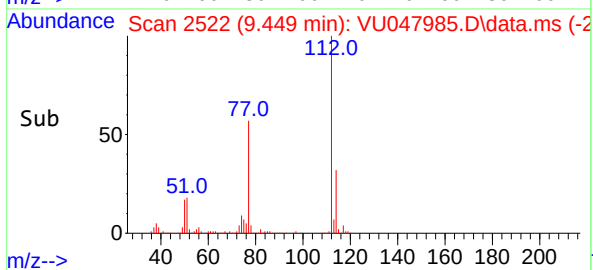
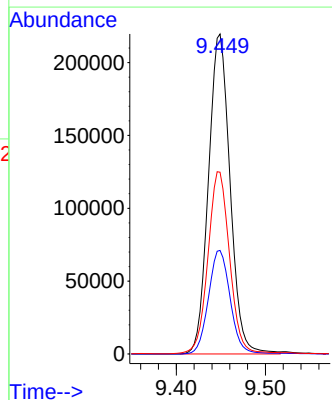
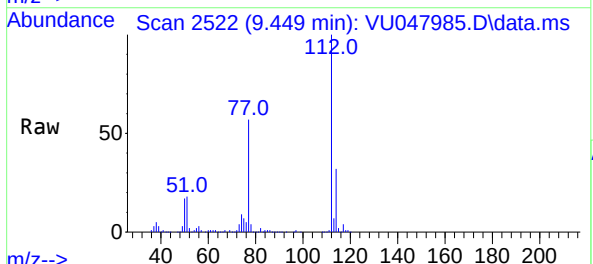
Instrument :
MSVOA_U
ClientSampleId :
ETNS1

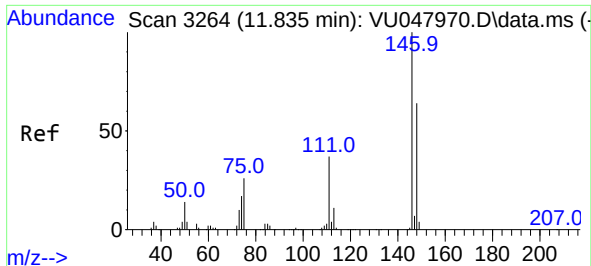
Tgt Ion: 91 Resp: 16184
Ion Ratio Lower Upper
91 100
92 59.7 40.4 75.0



#51
Chlorobenzene
Concen: 44.917 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.003 min
Lab File: VU047985.D
Acq: 13 Apr 2022 02:42

Tgt Ion: 112 Resp: 369587
Ion Ratio Lower Upper
112 100
114 32.4 22.1 41.1
77 56.8 43.4 65.0

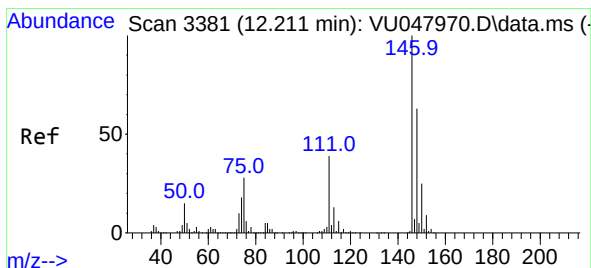
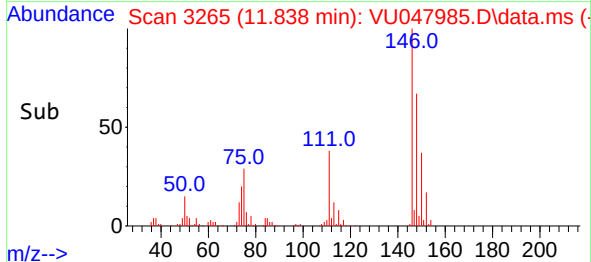
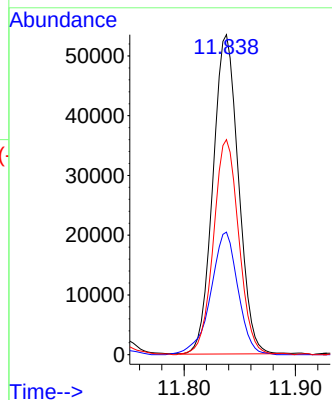
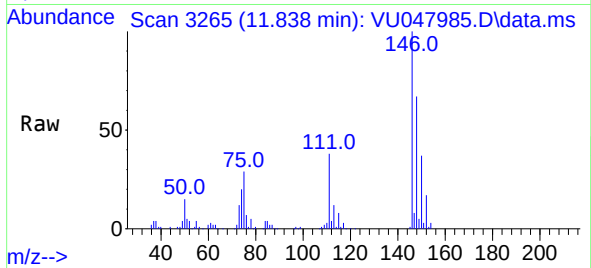




#65
1,4-Dichlorobenzene
Concen: 13.520 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU047985.D
Acq: 13 Apr 2022 02:42

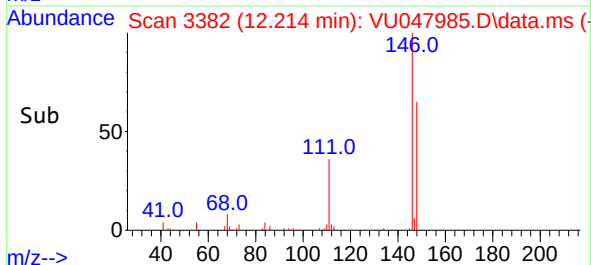
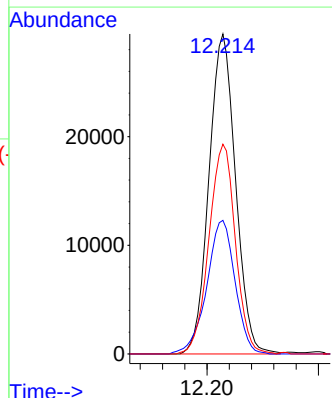
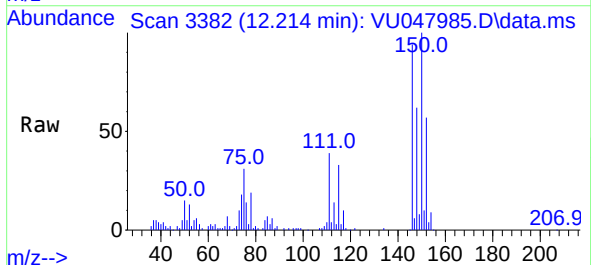
Instrument :
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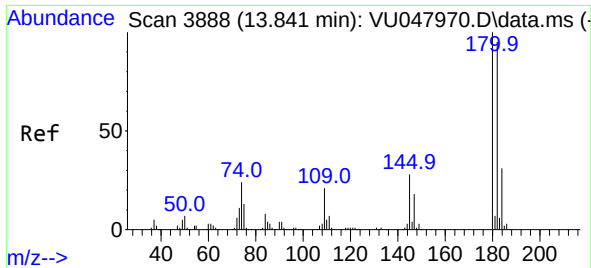
Tgt Ion:146 Resp: 85053
Ion Ratio Lower Upper
146 100
111 38.3 25.3 47.1
148 67.2 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 8.035 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU047985.D
Acq: 13 Apr 2022 02:42

Tgt Ion:146 Resp: 48830
Ion Ratio Lower Upper
146 100
111 41.7 31.7 47.5
148 65.6 51.4 77.2





#70

1,2,4-trichlorobenzene

Concen: 2.510 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU047985.D

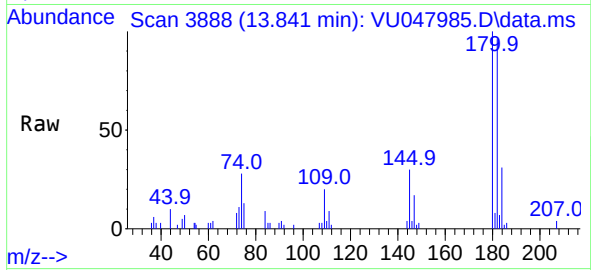
Acq: 13 Apr 2022 02:42

Instrument :

MSVOA_U

ClientSampleId :

ETNS1



Tgt Ion:180 Resp: 10845

Ion Ratio Lower Upper

180 100

182 99.9 76.2 114.2

145 27.4 21.8 32.8

