

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
 Data File : VU048318.D
 Acq On : 27 Apr 2022 16:36
 Operator : SY/MD
 Sample : N2587-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXET2

Quant Time: Apr 28 04:38:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 28 04:33:44 2022
 Response via : Initial Calibration

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

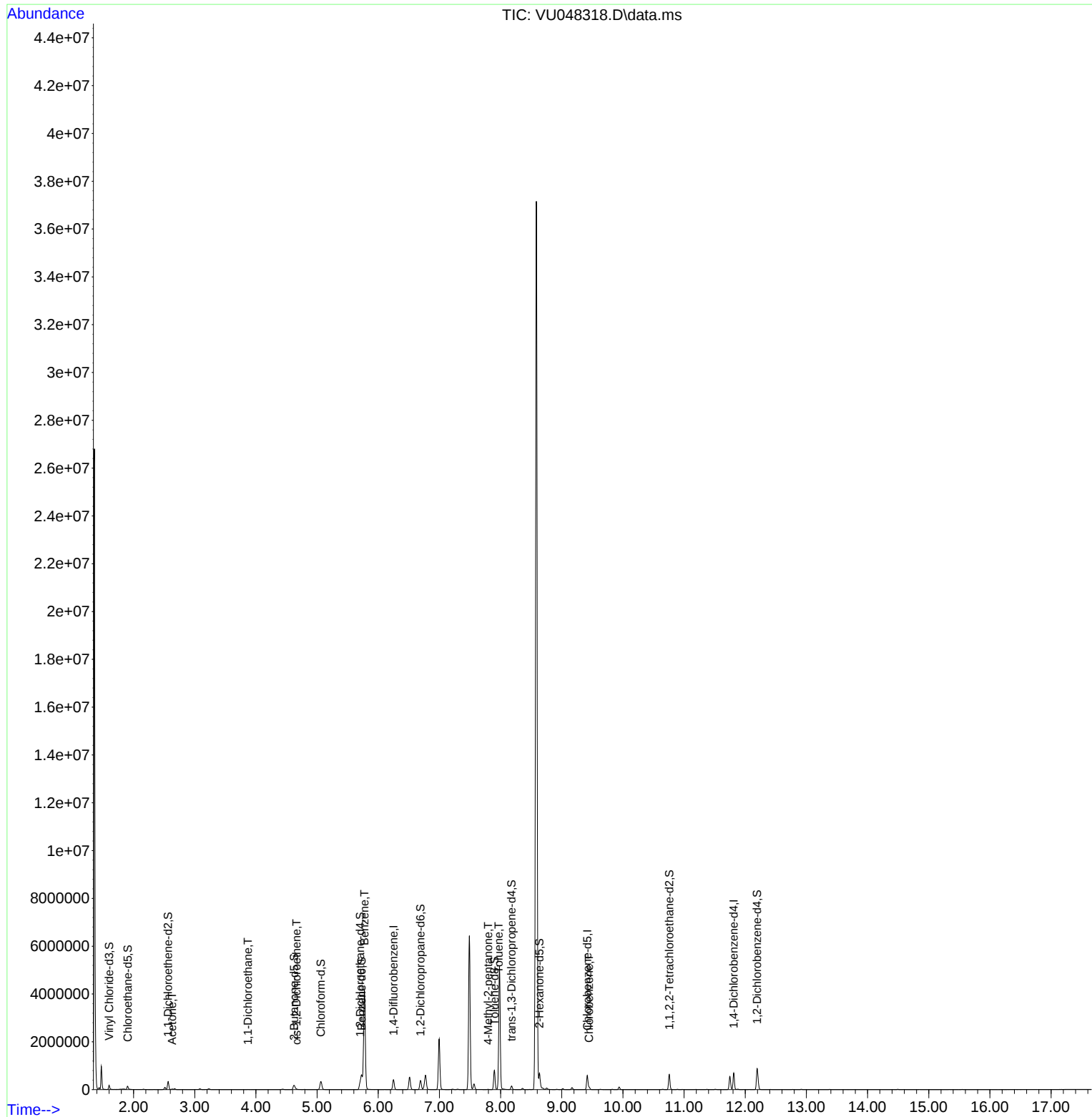
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	354986	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	351124	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	195806	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	146299	44.817	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.640%
7) Chloroethane-d5	1.903	69	123135	53.739	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.480%
11) 1,1-Dichloroethene-d2	2.565	63	193957	37.082	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.160%
21) 2-Butanone-d5	4.623	46	270552	97.174	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.170%
24) Chloroform-d	5.063	84	281392	47.525	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.040%
26) 1,2-Dichloroethane-d4	5.703	65	179317	51.042	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.080%
32) Benzene-d6	5.729	84	589446	53.228	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.460%
36) 1,2-Dichloropropane-d6	6.690	67	191427	52.287	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.580%
41) Toluene-d8	7.899	98	544111	54.206	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.420%
43) trans-1,3-Dichloroprop...	8.179	79	86557	53.580	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.160%
47) 2-Hexanone-d5	8.636	63	219089	110.918	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.920%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	315379	49.118	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.240%
66) 1,2-Dichlorobenzene-d4	12.195	152	219419	49.814	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.620%
Target Compounds						
					Qvalue	
13) Acetone	2.629	43	27498	15.384	ug/L	97
19) 1,1-Dichloroethane	3.867	63	6345	1.251	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	2159	0.739	ug/L	91
33) Benzene	5.774	78	4041877	388.797	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	7980	1.789	ug/L	98
42) Toluene	7.970	91	26387	2.418	ug/L	99
51) Chlorobenzene	9.446	112	39280	4.993	ug/L	97

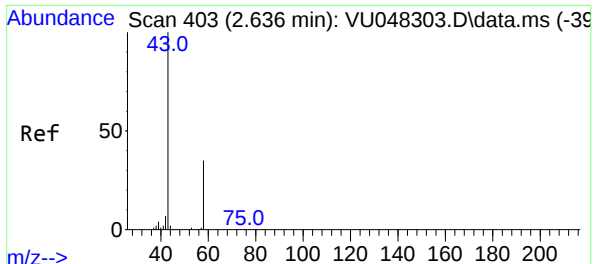
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Apr 28 04:33:44 2022
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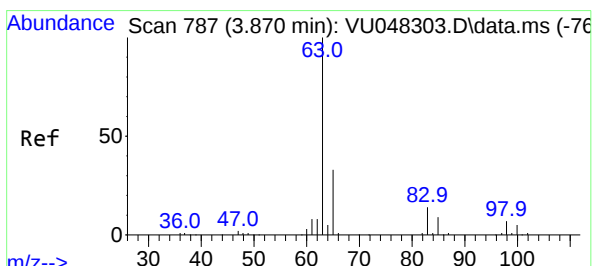
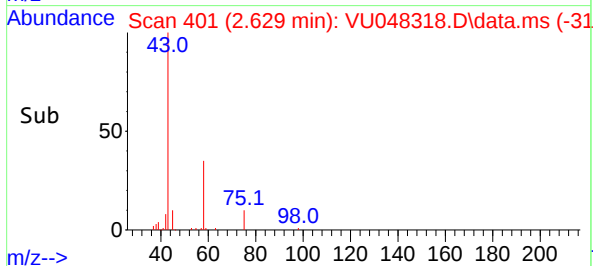
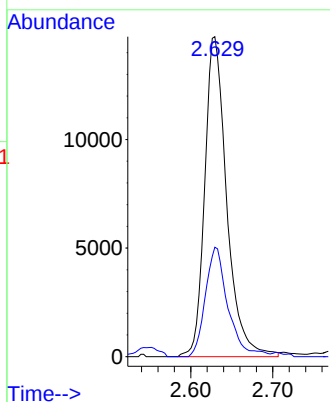
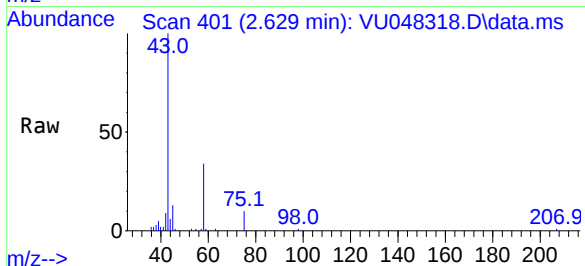




#13
Acetone
Concen: 15.384 ug/L
RT: 2.629 min Scan# 40
Delta R.T. -0.006 min
Lab File: VU048318.D
Acq: 27 Apr 2022 16:36

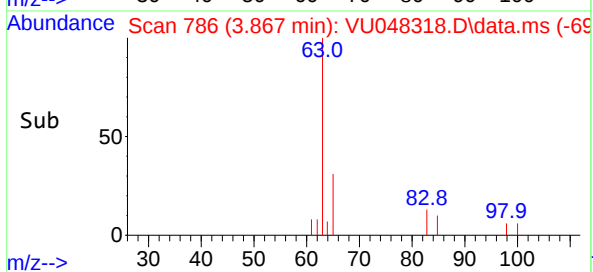
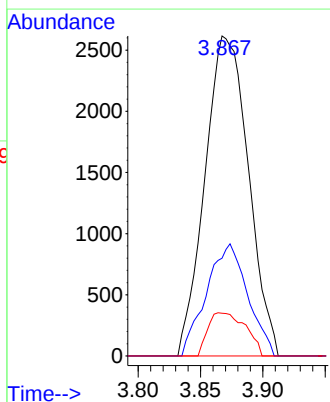
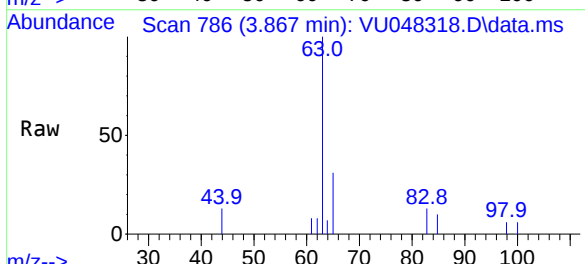
Instrument :
MSVOA_U
ClientSampleId :
EXET2

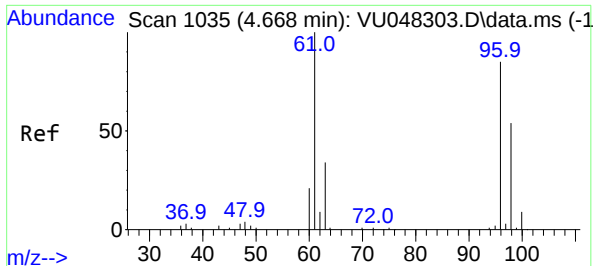
Tgt Ion: 43 Resp: 27498
Ion Ratio Lower Upper
43 100
58 34.0 0.0 71.2



#19
1,1-Dichloroethane
Concen: 1.251 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.003 min
Lab File: VU048318.D
Acq: 27 Apr 2022 16:36

Tgt Ion: 63 Resp: 6345
Ion Ratio Lower Upper
63 100
65 30.5 22.0 40.8
83 13.4 8.8 16.4

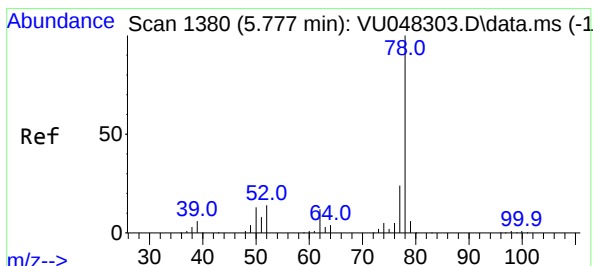
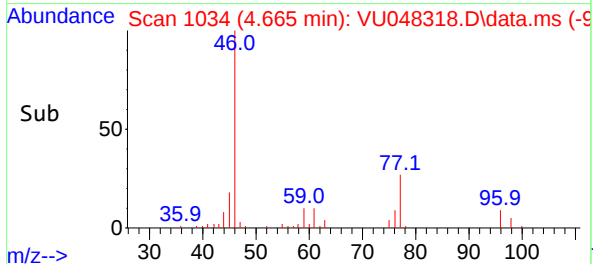
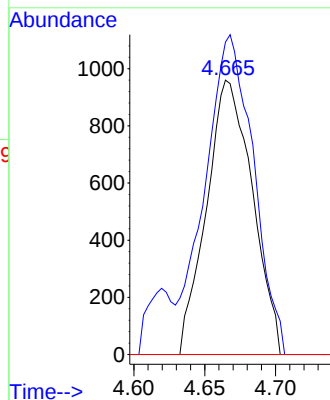
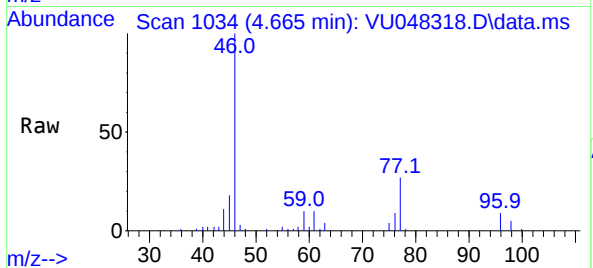




#20
cis-1,2-Dichloroethene
Concen: 0.739 ug/L
RT: 4.665 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VU048318.D
Acq: 27 Apr 2022 16:36

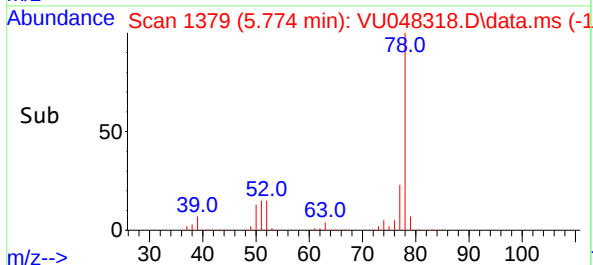
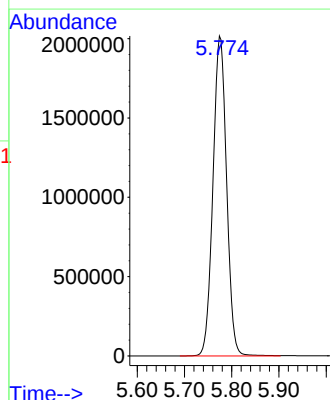
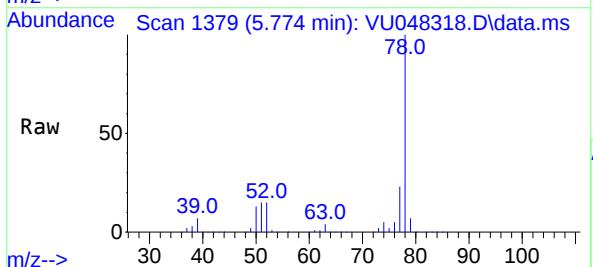
Instrument :
MSVOA_U
ClientSampleId :
EXET2

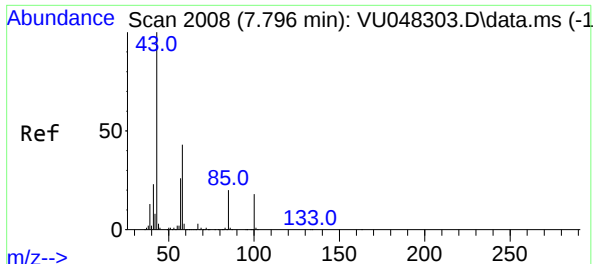
Tgt Ion: 96 Resp: 2159
Ion Ratio Lower Upper
96 100
61 113.9 87.0 161.6
68 0.0 0.0 0.0



#33
Benzene
Concen: 388.797 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.003 min
Lab File: VU048318.D
Acq: 27 Apr 2022 16:36

Tgt Ion: 78 Resp: 4041877

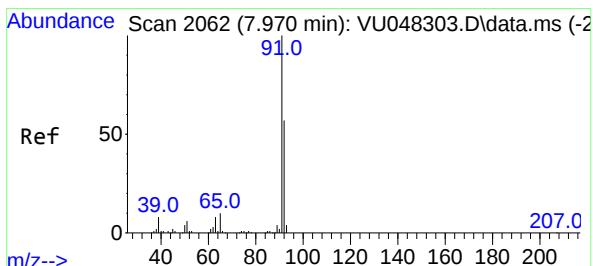
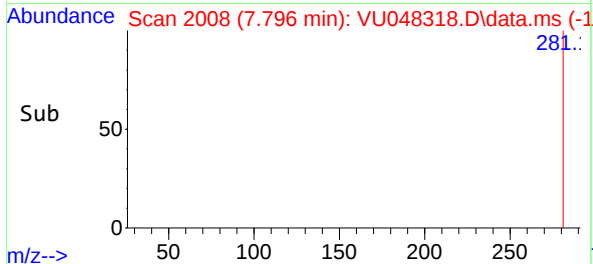
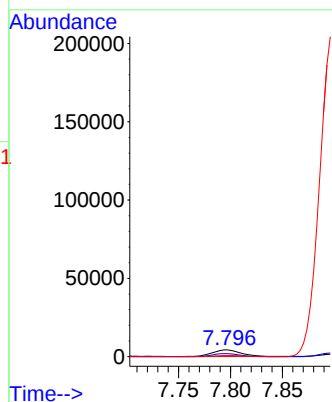
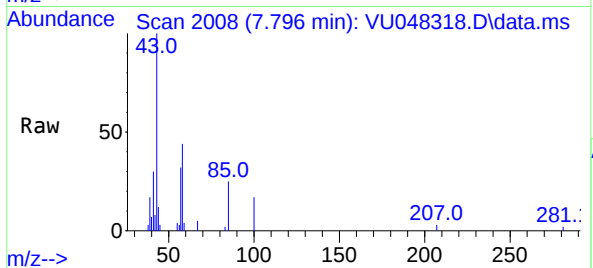




#40
4-Methyl-2-pentanone
Concen: 1.789 ug/L
RT: 7.796 min Scan# 2008
Delta R.T. 0.000 min
Lab File: VU048318.D
Acq: 27 Apr 2022 16:36

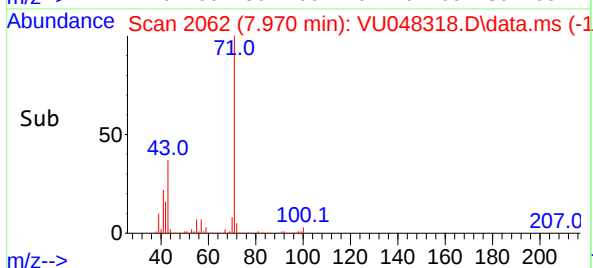
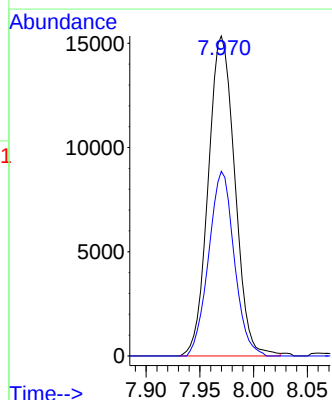
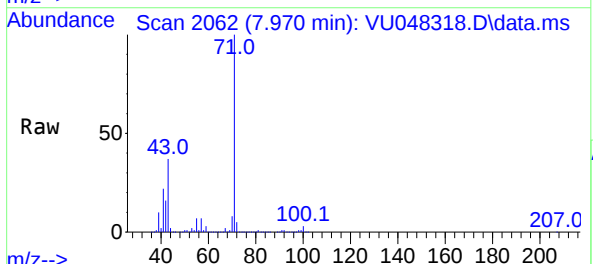
Instrument :
MSVOA_U
ClientSampleId :
EXET2

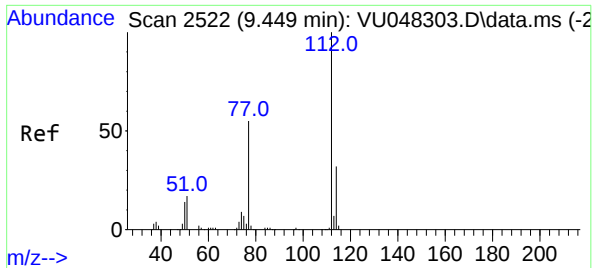
Tgt Ion: 43 Resp: 7980
Ion Ratio Lower Upper
43 100
58 44.6 34.4 51.6
100 17.2 13.6 20.4



#42
Toluene
Concen: 2.418 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU048318.D
Acq: 27 Apr 2022 16:36

Tgt Ion: 91 Resp: 26387
Ion Ratio Lower Upper
91 100
92 57.7 40.9 76.0





#51
Chlorobenzene
Concen: 4.993 ug/L
RT: 9.446 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048318.D
Acq: 27 Apr 2022 16:36

Instrument :
MSVOA_U
ClientSampleId :
EXET2

Tgt Ion:	112	Resp:	39280
Ion	Ratio	Lower	Upper
112	100		
114	30.8	22.7	42.1
77	58.2	44.3	66.5

