

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
 Data File : VU048337.D
 Acq On : 28 Apr 2022 13:40
 Operator : SY/MD
 Sample : N2587-09DL 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXET5DL

Quant Time: Apr 29 04:29:43 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)

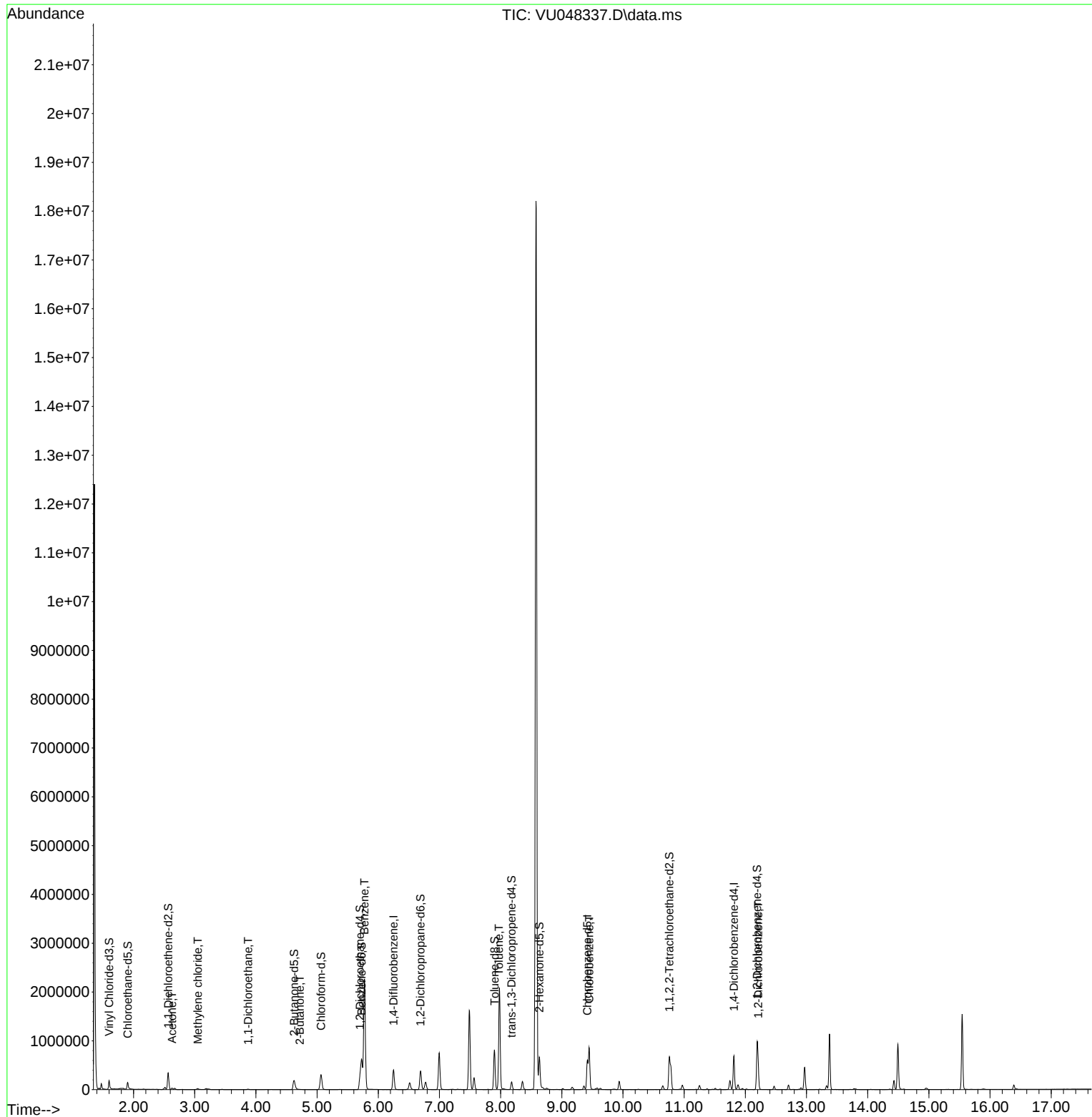
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	348776	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	341850	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	197037	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	143470	44.733	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.460%
7) Chloroethane-d5	1.903	69	118790	52.765	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.540%
11) 1,1-Dichloroethene-d2	2.565	63	192537	37.466	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.940%
21) 2-Butanone-d5	4.623	46	267420	97.760	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.760%
24) Chloroform-d	5.064	84	284205	48.854	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.700%
26) 1,2-Dichloroethane-d4	5.700	65	180363	52.254	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.500%
32) Benzene-d6	5.729	84	597299	55.400	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.800%
36) 1,2-Dichloropropane-d6	6.691	67	193248	54.216	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.440%
41) Toluene-d8	7.900	98	555434	56.835	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.660%
43) trans-1,3-Dichloroprop...	8.179	79	87512	55.641	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.280%
47) 2-Hexanone-d5	8.633	63	230224	119.717	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.720%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	320722	51.305	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	239735	54.087	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.180%
Target Compounds						
					Qvalue	
13) Acetone	2.630	43	35010	19.936	ug/L	100
16) Methylene chloride	3.048	84	11877	4.017	ug/L	94
19) 1,1-Dichloroethane	3.871	63	10380	2.083	ug/L	95
22) 2-Butanone	4.716	43	6362	2.450	ug/L	90
33) Benzene	5.774	78	2199773	217.342	ug/L	100
42) Toluene	7.970	91	111501	10.493	ug/L	98
51) Chlorobenzene	9.446	112	443702	57.928	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	7584	1.166	ug/L #	89

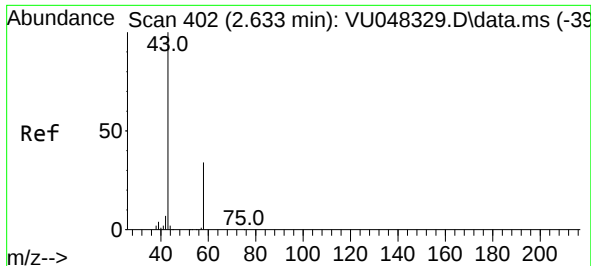
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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Response via : Initial Calibration





#13

Acetone

Concen: 19.936 ug/L

RT: 2.630 min Scan# 402

Delta R.T. -0.003 min

Lab File: VU048337.D

Acq: 28 Apr 2022 13:40

Instrument :

MSVOA_U

ClientSampleId :

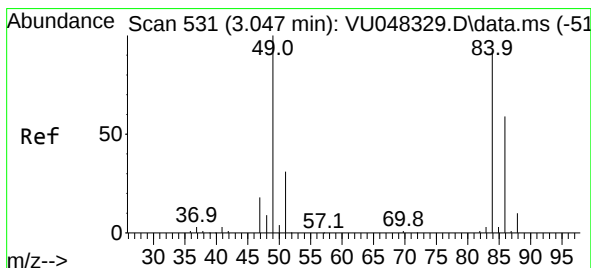
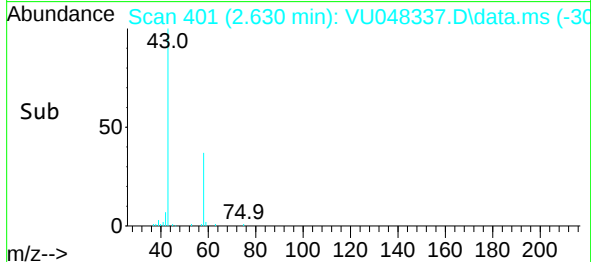
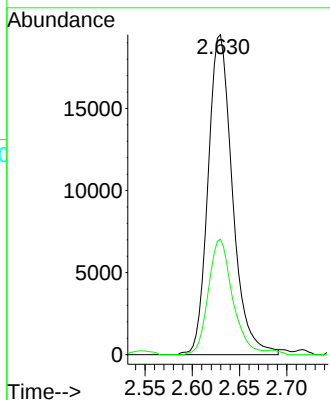
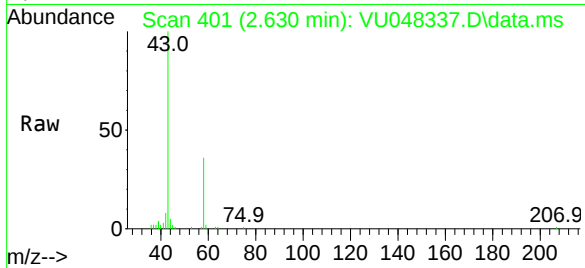
EXET5DL

Tgt Ion: 43 Resp: 35010

Ion Ratio Lower Upper

43 100

58 35.9 0.0 71.2



#16

Methylene chloride

Concen: 4.017 ug/L

RT: 3.048 min Scan# 531

Delta R.T. 0.000 min

Lab File: VU048337.D

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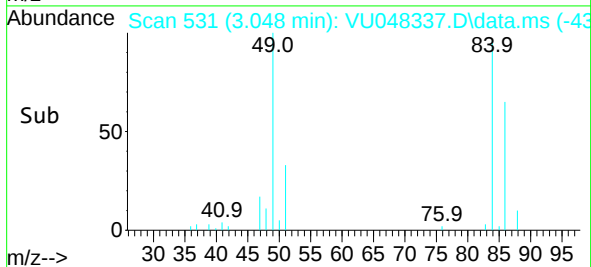
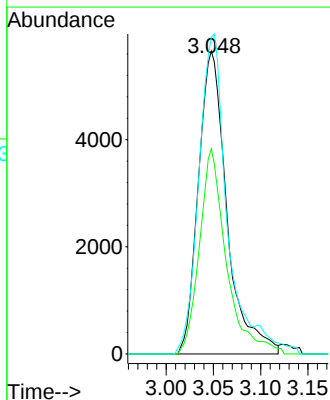
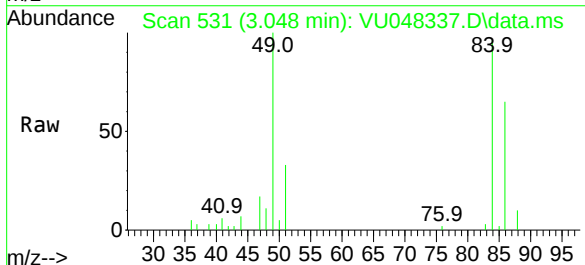
Tgt Ion: 84 Resp: 11877

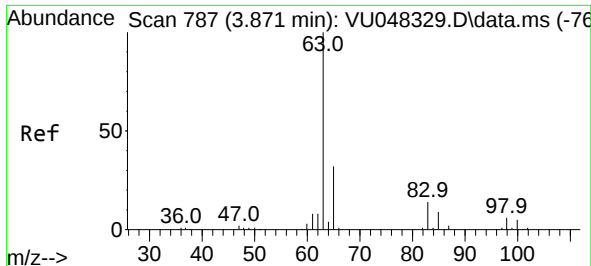
Ion Ratio Lower Upper

84 100

86 67.8 45.4 84.2

49 104.6 79.2 147.0





#19

1,1-Dichloroethane

Concen: 2.083 ug/L

RT: 3.871 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU048337.D

Acq: 28 Apr 2022 13:40

Instrument :

MSVOA_U

ClientSampleId :

EXET5DL

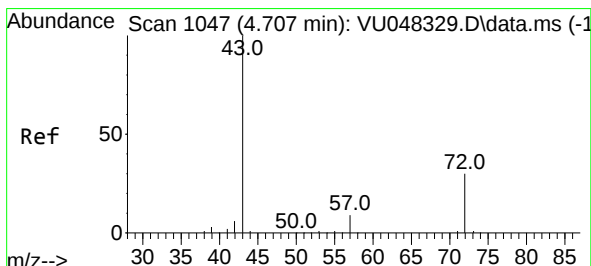
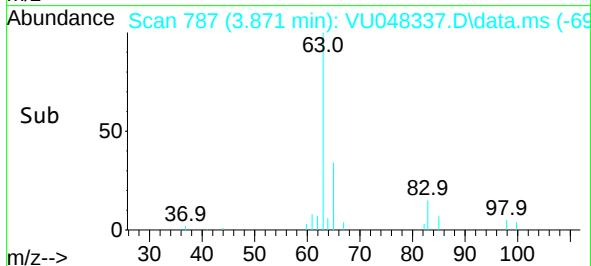
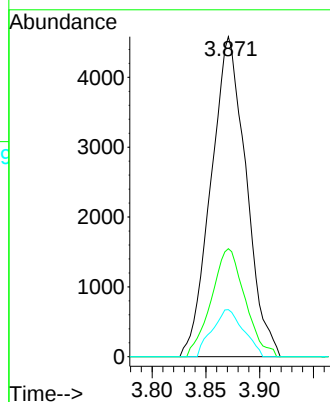
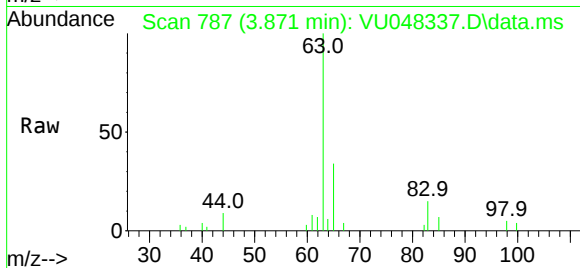
Tgt Ion: 63 Resp: 10380

Ion Ratio Lower Upper

63 100

65 33.8 22.0 40.8

83 14.7 8.8 16.4



#22

2-Butanone

Concen: 2.450 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. 0.010 min

Lab File: VU048337.D

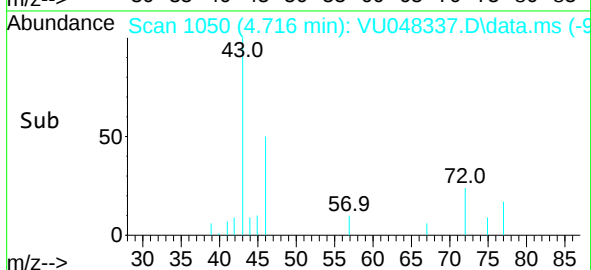
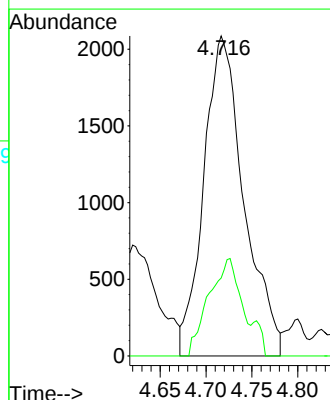
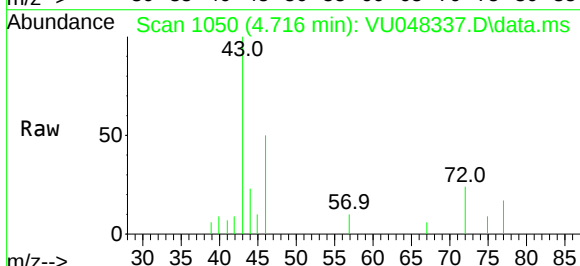
Acq: 28 Apr 2022 13:40

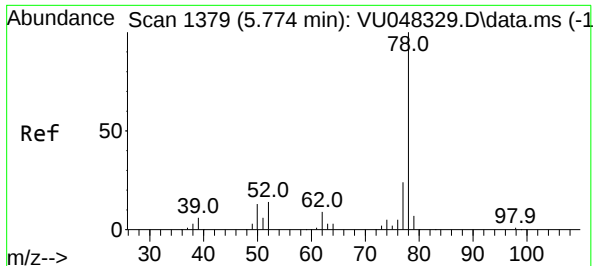
Tgt Ion: 43 Resp: 6362

Ion Ratio Lower Upper

43 100

72 24.0 14.6 43.8

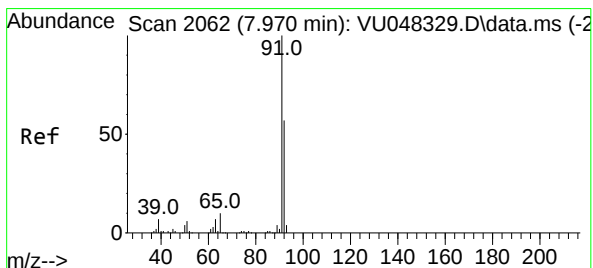
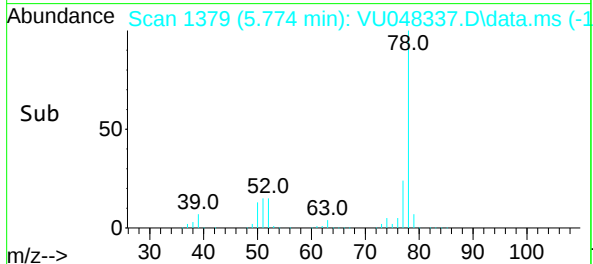
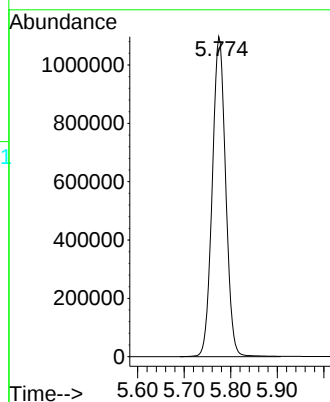
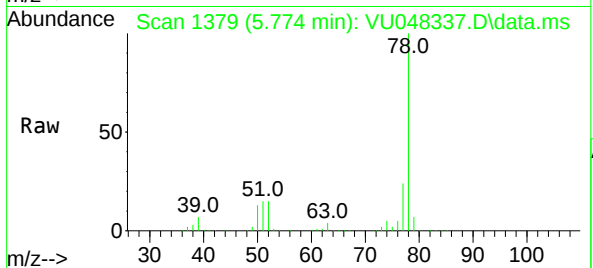




#33
Benzene
Concen: 217.342 ug/L
RT: 5.774 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048337.D
Acq: 28 Apr 2022 13:40

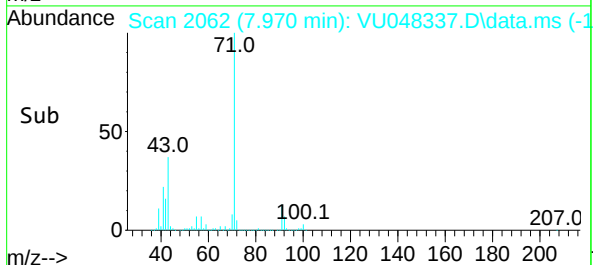
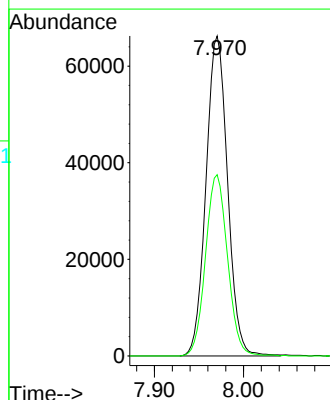
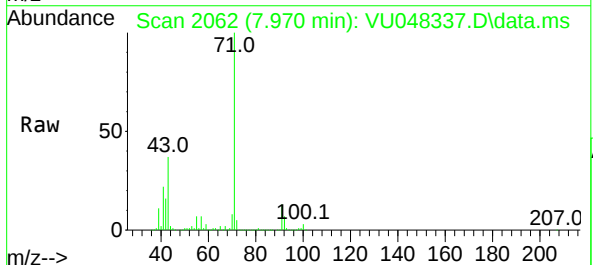
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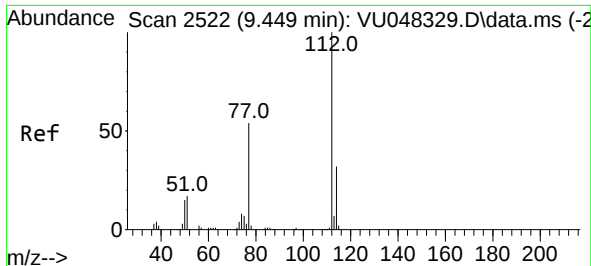
Tgt Ion: 78 Resp: 2199773



#42
Toluene
Concen: 10.493 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU048337.D
Acq: 28 Apr 2022 13:40

Tgt Ion: 91 Resp: 111501
Ion Ratio Lower Upper
91 100
92 56.6 40.9 76.0

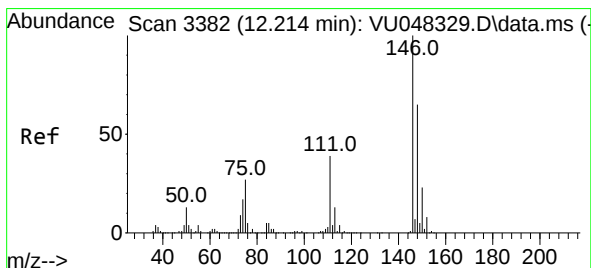
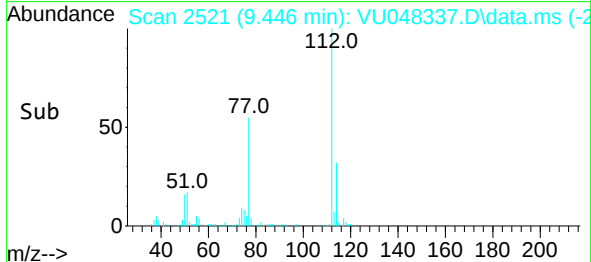
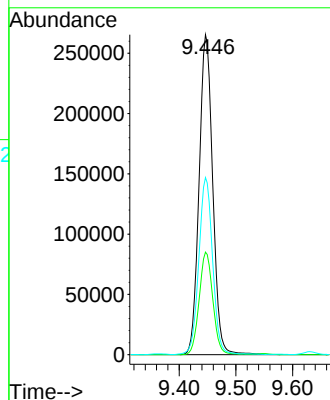
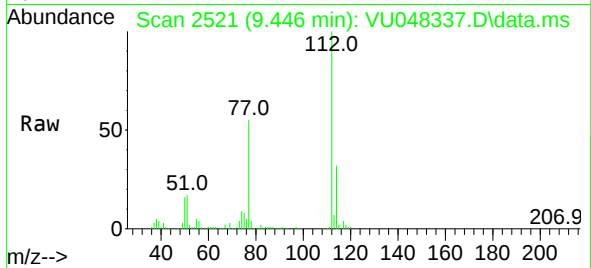




#51
Chlorobenzene
Concen: 57.928 ug/L
RT: 9.446 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048337.D
Acq: 28 Apr 2022 13:40

Instrument :
MSVOA_U
ClientSampleId :
EXET5DL

Tgt Ion:112 Resp: 443702
Ion Ratio Lower Upper
112 100
114 32.1 22.7 42.1
77 55.3 44.3 66.5



#67
1,2-Dichlorobenzene
Concen: 1.166 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU048337.D
Acq: 28 Apr 2022 13:40

Tgt Ion:146 Resp: 7584
Ion Ratio Lower Upper
146 100
111 50.9 31.7 47.5#
148 58.7 50.9 76.3

