

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061722\
 Data File : VU049250.D
 Acq On : 17 Jun 2022 16:40
 Operator : SY/MD
 Sample : N3285-01DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW4P5DL

Quant Time: Jun 18 04:14:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 04:11:00 2022
 Response via : Initial Calibration

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

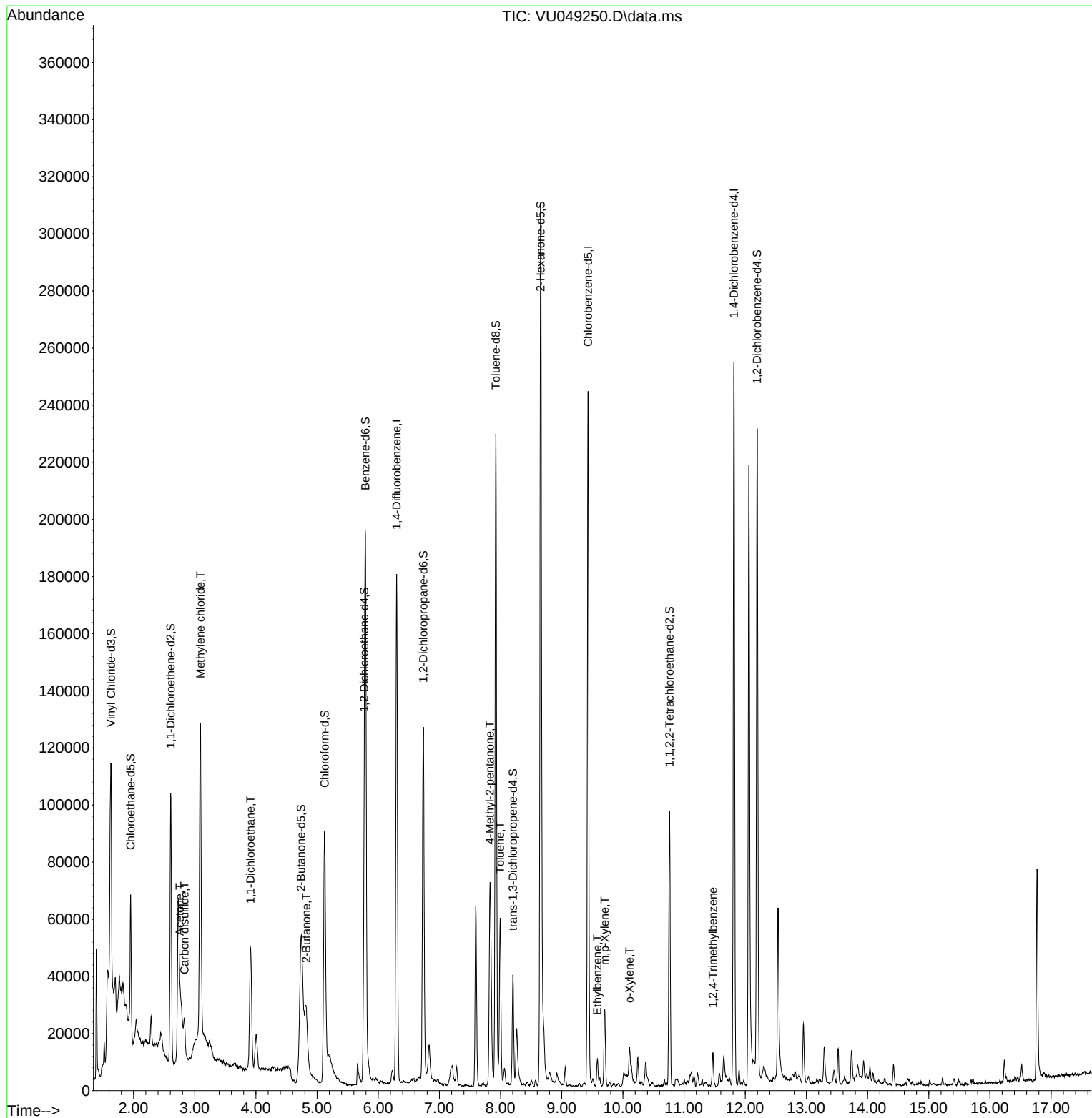
Internal Standards						
1) 1,4-Difluorobenzene	6.301	114	134430	5.000	ug/L	0.05
28) Chlorobenzene-d5	9.430	117	127220	5.000	ug/L	0.01
58) 1,4-Dichlorobenzene-d4	11.815	152	63716	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.633	65	48099	4.095	ug/L	0.04
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.800%
7) Chloroethane-d5	1.951	69	32554	4.094	ug/L	0.04
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.607	65	18622	3.941	ug/L	0.04
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.800%
20) 2-Butanone-d5	4.739	46	138518	44.166	ug/L	0.10
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.340%
24) Chloroform-d	5.124	84	81164	4.404	ug/L	0.06
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
26) 1,2-Dichloroethane-d4	5.771	65	44673	4.419	ug/L	0.07
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	5.790	84	160999	4.201	ug/L	0.06
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	6.735	67	55843	4.293	ug/L	0.04
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.800%
41) Toluene-d8	7.922	98	143791	4.167	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	8.201	79	20113	3.480	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.600%
46) 2-Hexanone-d5	8.655	63	111841	47.977	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.960%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	46703	4.484	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	53871	4.406	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.200%
Target Compounds						Qvalue
13) Acetone	2.755	43	85736	55.233	ug/L	95
14) Carbon disulfide	2.832	76	14639	0.586	ug/L	99
16) Methylene chloride	3.092	84	45875	4.613	ug/L	88
19) 1,1-Dichloroethane	3.912	63	46564	2.820	ug/L	99
21) 2-Butanone	4.822	43	43795	14.796	ug/L	99
40) 4-Methyl-2-pentanone	7.825	43	43951	5.687	ug/L	99
42) Toluene	7.992	91	39553	0.985	ug/L	95
52) Ethylbenzene	9.581	91	6073	0.139	ug/L	99
53) m,p-Xylene	9.703	106	7172	0.440	ug/L	94
54) o-Xylene	10.108	106	2634	0.163	ug/L	87
63) 1,2,4-Trimethylbenzene	11.471	105	5403	0.142	ug/L	99

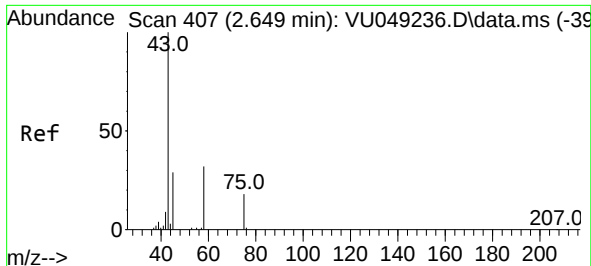
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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#13

Acetone

Concen: 55.233 ug/L

RT: 2.755 min Scan# 440

Delta R.T. 0.106 min

Lab File: VU049250.D

Acq: 17 Jun 2022 16:40

Instrument :

MSVOA_U

ClientSampleId :

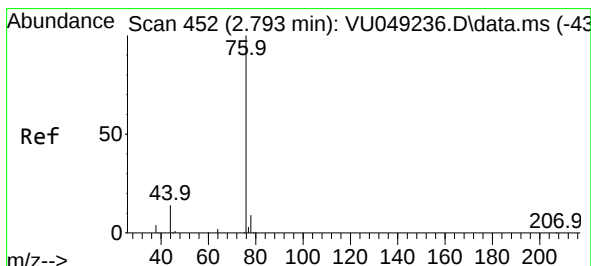
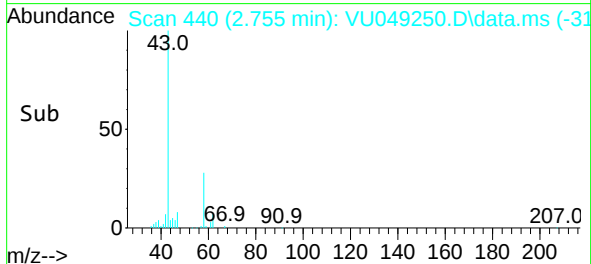
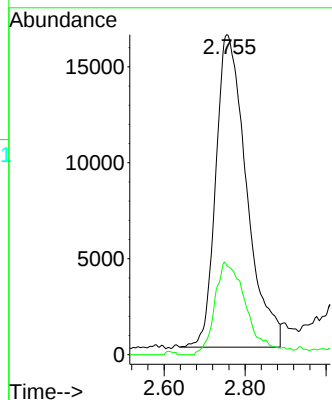
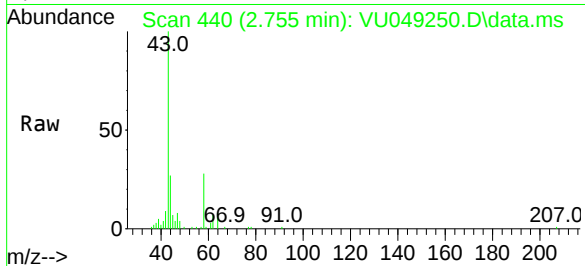
EW4P5DL

Tgt Ion: 43 Resp: 85736

Ion Ratio Lower Upper

43 100

58 30.1 0.0 65.8



#14

Carbon disulfide

Concen: 0.586 ug/L

RT: 2.832 min Scan# 464

Delta R.T. 0.038 min

Lab File: VU049250.D

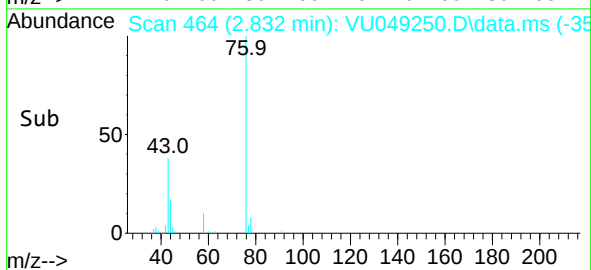
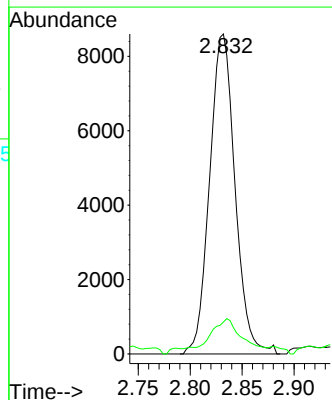
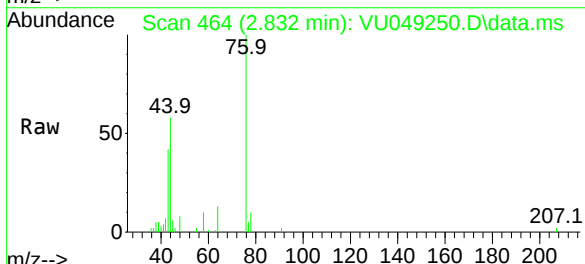
Acq: 17 Jun 2022 16:40

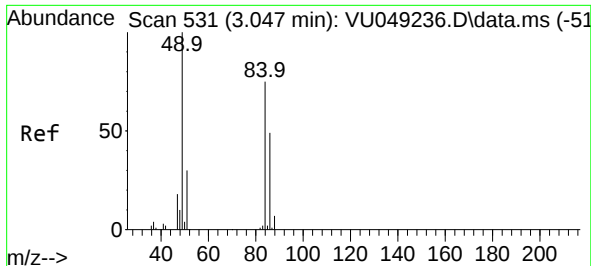
Tgt Ion: 76 Resp: 14639

Ion Ratio Lower Upper

76 100

78 9.9 7.5 11.3

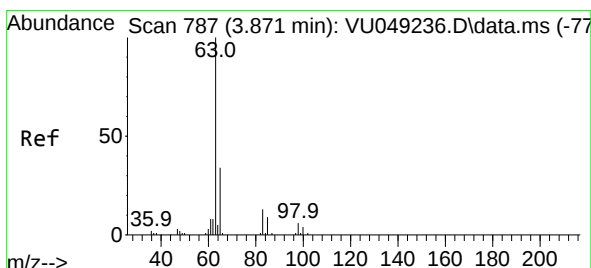
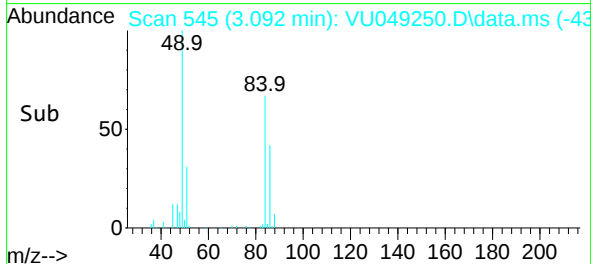
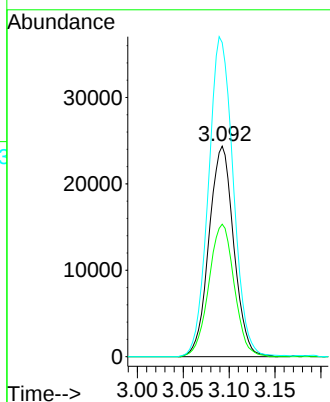
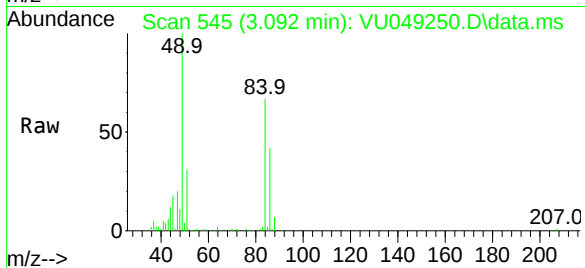




#16
Methylene chloride
Concen: 4.613 ug/L
RT: 3.092 min Scan# 54
Delta R.T. 0.045 min
Lab File: VU049250.D
Acq: 17 Jun 2022 16:40

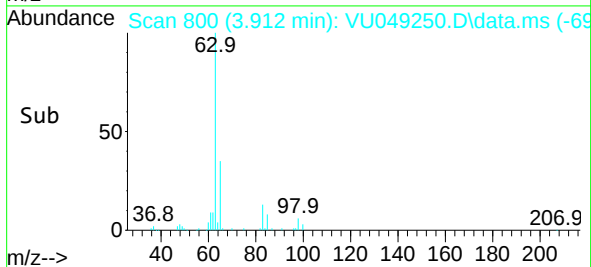
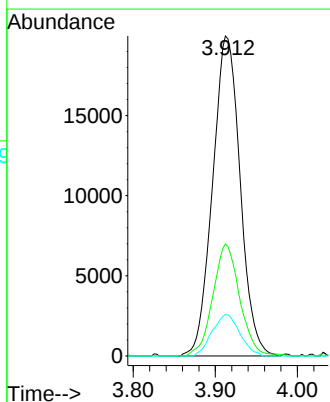
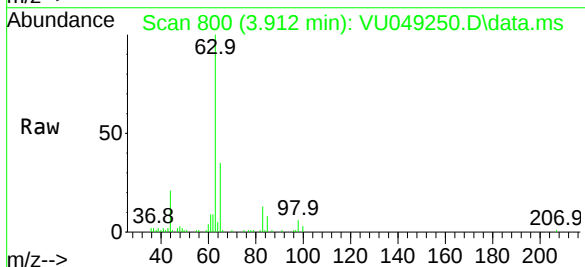
Instrument :
MSVOA_U
ClientSampleId :
EW4P5DL

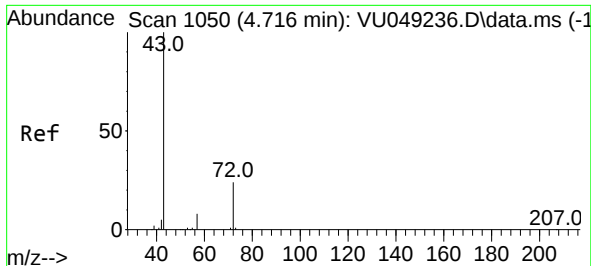
Tgt Ion: 84 Resp: 45875
Ion Ratio Lower Upper
84 100
86 62.9 43.6 81.0
49 149.2 90.2 167.6



#19
1,1-Dichloroethane
Concen: 2.820 ug/L
RT: 3.912 min Scan# 800
Delta R.T. 0.042 min
Lab File: VU049250.D
Acq: 17 Jun 2022 16:40

Tgt Ion: 63 Resp: 46564
Ion Ratio Lower Upper
63 100
65 35.0 24.0 44.6
83 12.9 9.1 16.9

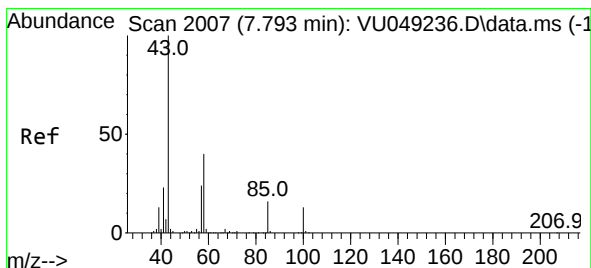
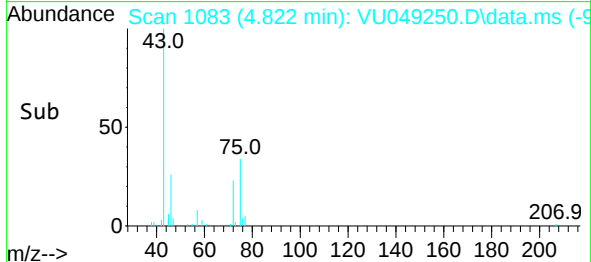
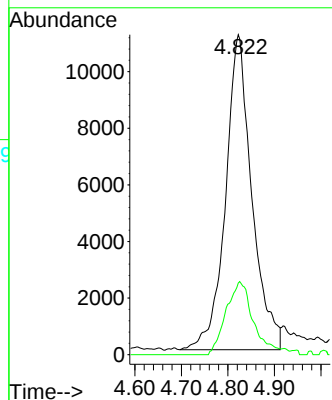
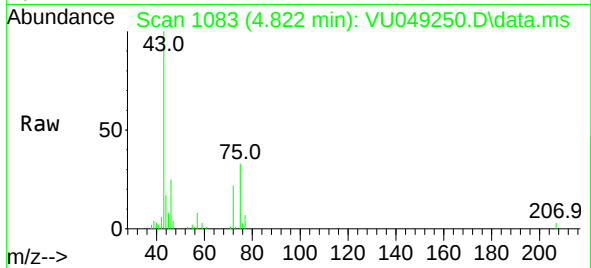




#21
2-Butanone
Concen: 14.796 ug/L
RT: 4.822 min Scan# 1050
Delta R.T. 0.106 min
Lab File: VU049250.D
Acq: 17 Jun 2022 16:40

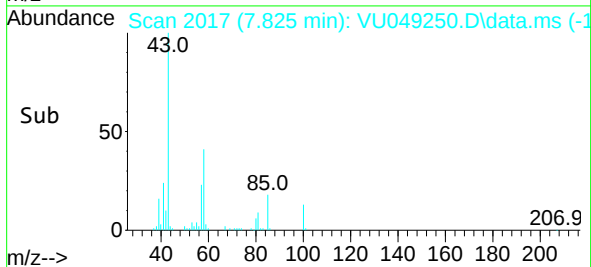
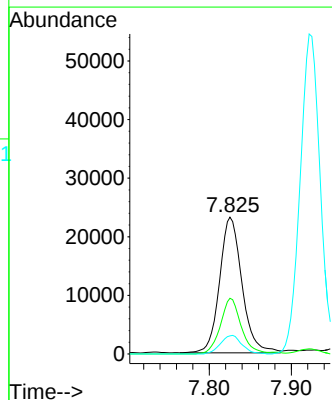
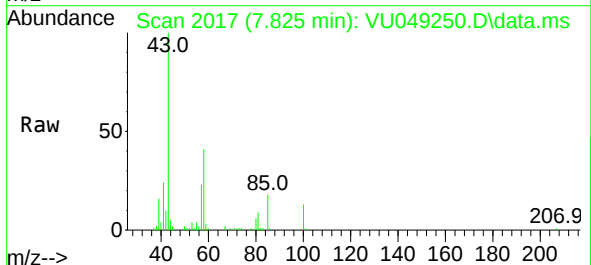
Instrument :
MSVOA_U
ClientSampleId :
EW4P5DL

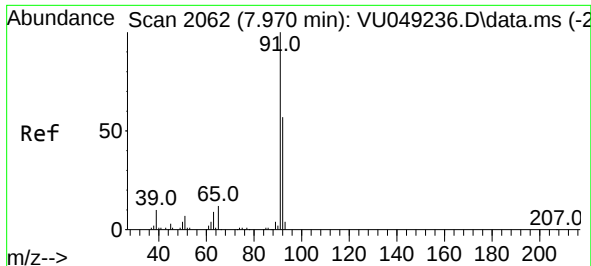
Tgt Ion: 43 Resp: 43795
Ion Ratio Lower Upper
43 100
72 23.8 12.2 36.6



#40
4-Methyl-2-pentanone
Concen: 5.687 ug/L
RT: 7.825 min Scan# 2017
Delta R.T. 0.032 min
Lab File: VU049250.D
Acq: 17 Jun 2022 16:40

Tgt Ion: 43 Resp: 43951
Ion Ratio Lower Upper
43 100
58 38.1 31.4 47.2
100 13.1 10.5 15.7





#42

Toluene

Concen: 0.985 ug/L

RT: 7.992 min Scan# 2069

Delta R.T. 0.022 min

Lab File: VU049250.D

Acq: 17 Jun 2022 16:40

Instrument :

MSVOA_U

ClientSampleId :

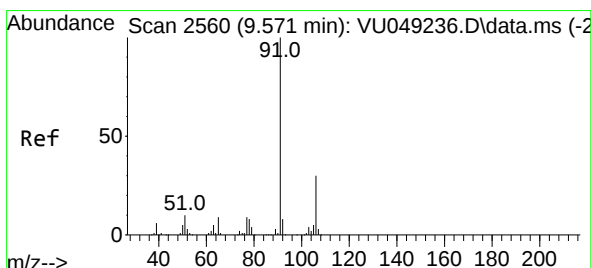
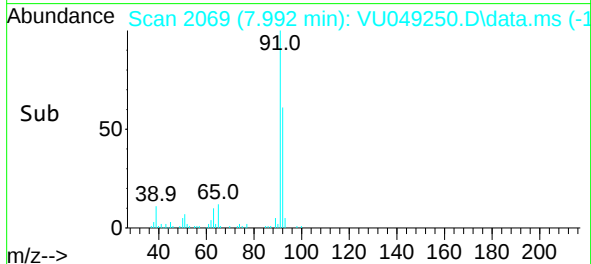
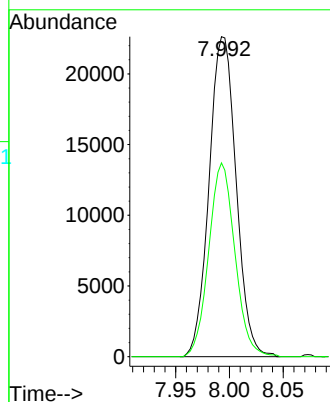
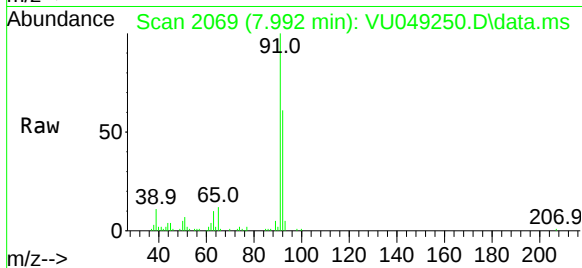
EW4P5DL

Tgt Ion: 91 Resp: 39553

Ion Ratio Lower Upper

91 100

92 60.6 40.0 74.2



#52

Ethylbenzene

Concen: 0.139 ug/L

RT: 9.581 min Scan# 2563

Delta R.T. 0.010 min

Lab File: VU049250.D

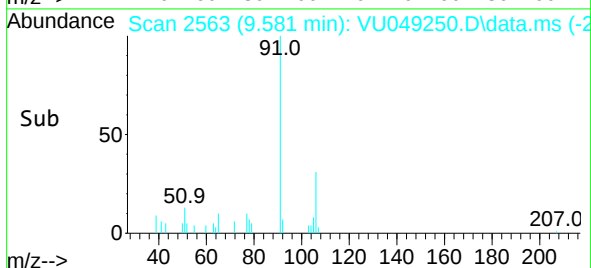
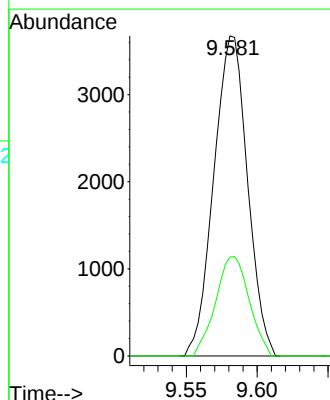
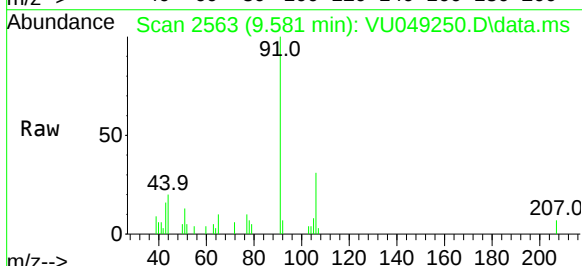
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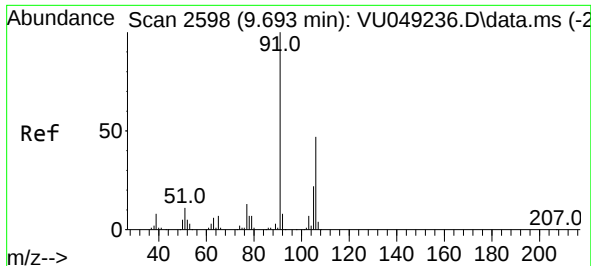
Tgt Ion: 91 Resp: 6073

Ion Ratio Lower Upper

91 100

106 30.9 21.2 39.4

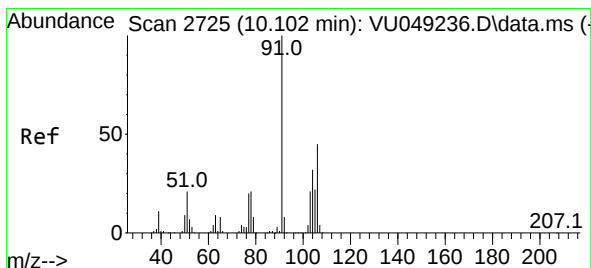
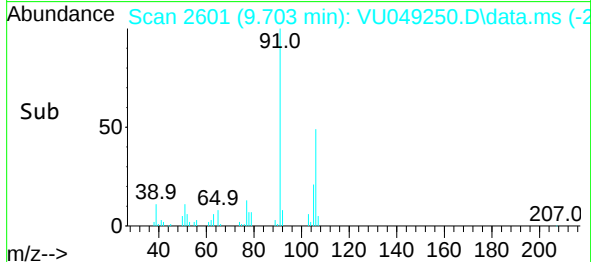
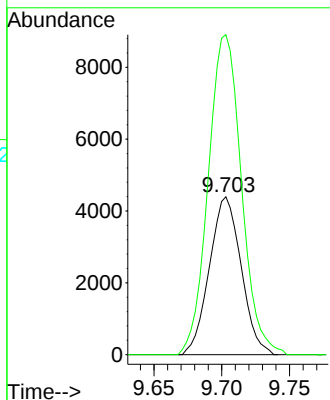
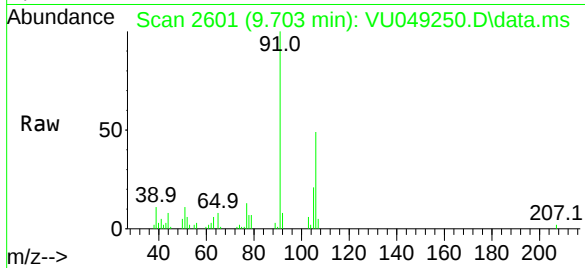




#53
m,p-Xylene
Concen: 0.440 ug/L
RT: 9.703 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU049250.D
Acq: 17 Jun 2022 16:40

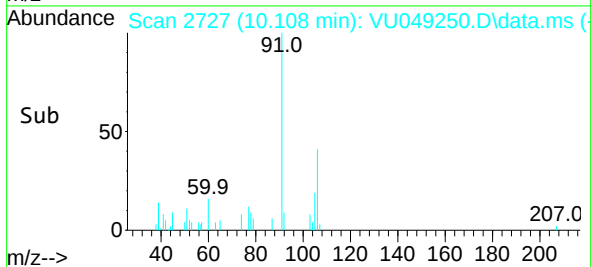
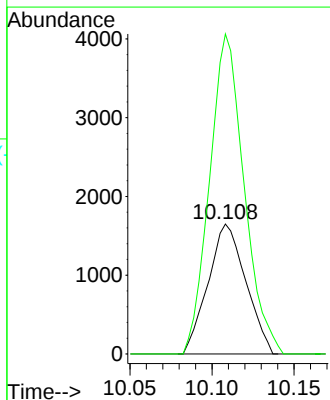
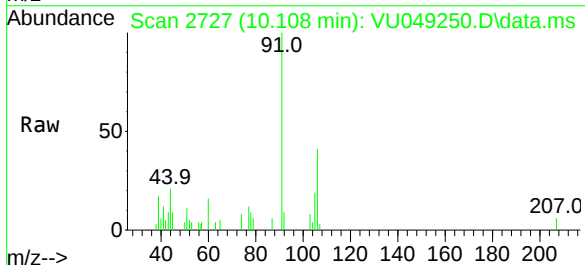
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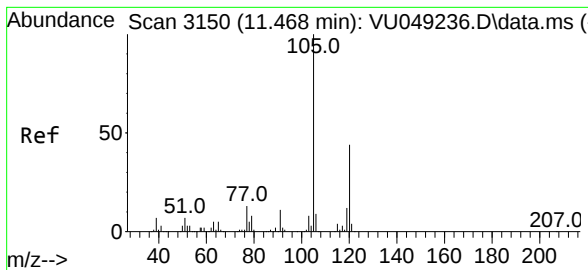
Tgt Ion:106 Resp: 7172
Ion Ratio Lower Upper
106 100
91 202.6 148.5 275.7



#54
o-Xylene
Concen: 0.163 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.006 min
Lab File: VU049250.D
Acq: 17 Jun 2022 16:40

Tgt Ion:106 Resp: 2634
Ion Ratio Lower Upper
106 100
91 246.4 157.5 292.5





#63
 1,2,4-Trimethylbenzene
 Concen: 0.142 ug/L
 RT: 11.471 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU049250.D
 Acq: 17 Jun 2022 16:40

Instrument :
 MSVOA_U
 ClientSampleId :
 EW4P5DL

Tgt Ion:105 Resp: 5403
 Ion Ratio Lower Upper
 105 100
 120 43.8 34.6 52.0

