

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110422\
 Data File : VU051763.D
 Acq On : 04 Nov 2022 16:26
 Operator : JC/MD
 Sample : N5407-02DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW4Y2DL

Quant Time: Nov 04 22:07:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 04 22:04:33 2022
 Response via : Initial Calibration

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

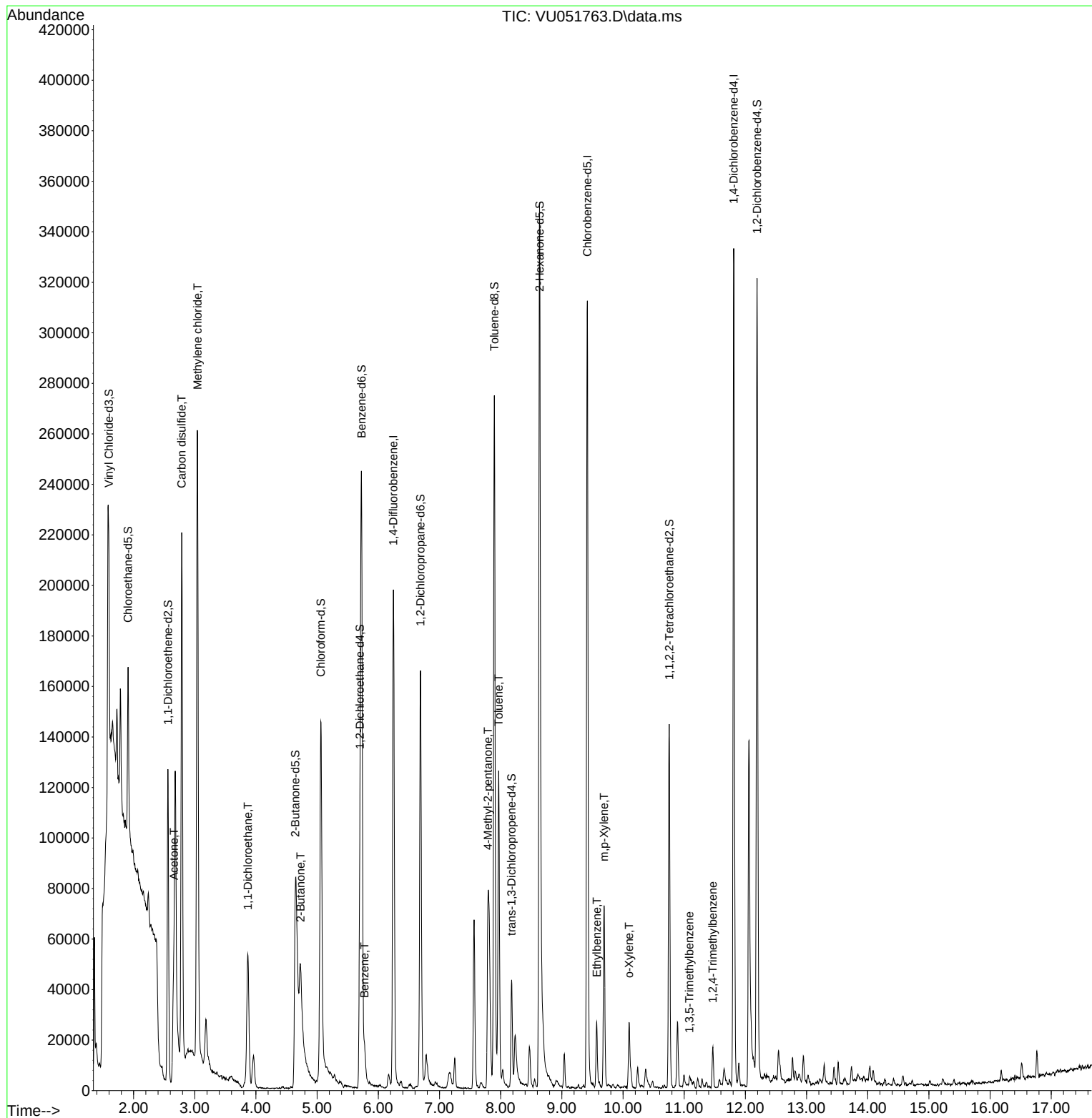
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	166382	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	178944	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	91237	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	55154	4.401	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.000%
7) Chloroethane-d5	1.909	69	51794	3.963	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.200%
11) 1,1-Dichloroethene-d2	2.562	65	22972	5.051	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.000%
20) 2-Butanone-d5	4.645	46	137309	30.256	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	60.520%
24) Chloroform-d	5.060	84	128117	4.369	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.700	65	63227	3.991	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.800%
32) Benzene-d6	5.726	84	234644	4.155	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	6.690	67	81845	4.145	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.800%
41) Toluene-d8	7.896	98	191229	4.306	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	8.179	79	24472	4.053	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.636	63	133203	36.649	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.300%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	74234	4.102	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	84312	5.035	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						Qvalue
13) Acetone	2.662	43	148082	64.310	ug/L	96
14) Carbon disulfide	2.787	76	282461	6.058	ug/L	100
16) Methylene chloride	3.044	84	127493	5.381	ug/L	98
19) 1,1-Dichloroethane	3.867	63	55629	1.943	ug/L	98
21) 2-Butanone	4.729	43	68199	18.913	ug/L	93
33) Benzene	5.774	78	12384	0.175	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	50601	5.554	ug/L	94
42) Toluene	7.967	91	93563	1.290	ug/L	98
52) Ethylbenzene	9.571	91	17236	0.246	ug/L	98
53) m,p-Xylene	9.690	106	21573	0.794	ug/L	92
54) o-Xylene	10.099	106	6695	0.252	ug/L	91
62) 1,3,5-Trimethylbenzene	11.086	105	2414	0.135	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	8045	0.156	ug/L	96

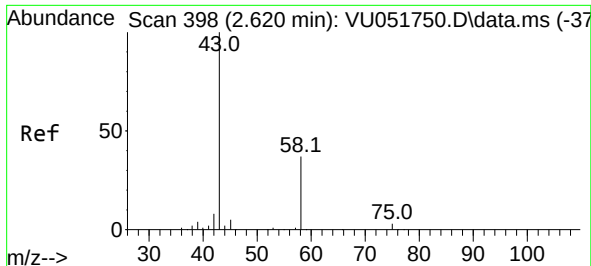
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 64.310 ug/L

RT: 2.662 min Scan# 411

Delta R.T. 0.042 min

Lab File: VU051763.D

Acq: 04 Nov 2022 16:26

Instrument :

MSVOA_U

ClientSampleId :

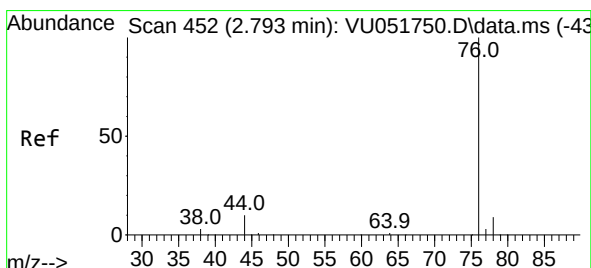
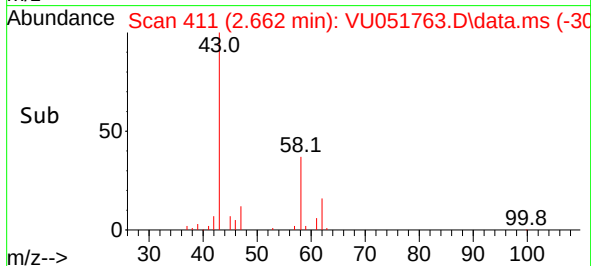
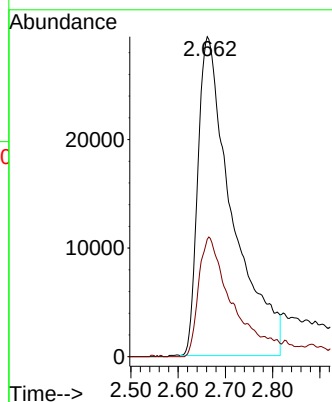
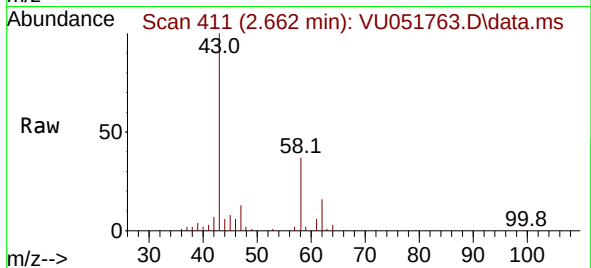
EW4Y2DL

Tgt Ion: 43 Resp: 148082

Ion Ratio Lower Upper

43 100

58 34.6 0.0 73.8



#14

Carbon disulfide

Concen: 6.058 ug/L

RT: 2.787 min Scan# 450

Delta R.T. -0.006 min

Lab File: VU051763.D

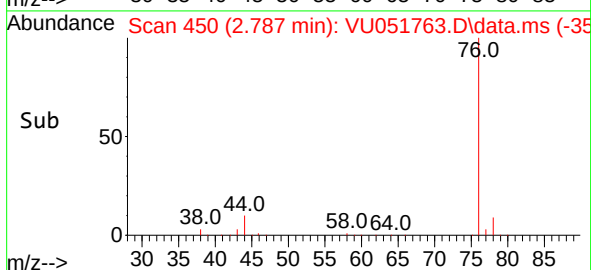
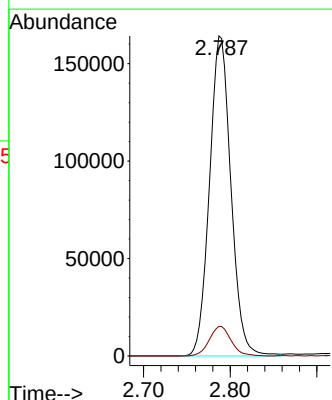
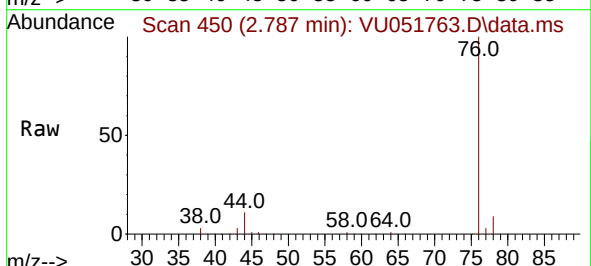
Acq: 04 Nov 2022 16:26

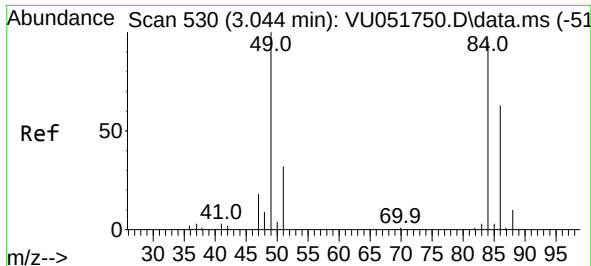
Tgt Ion: 76 Resp: 282461

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2

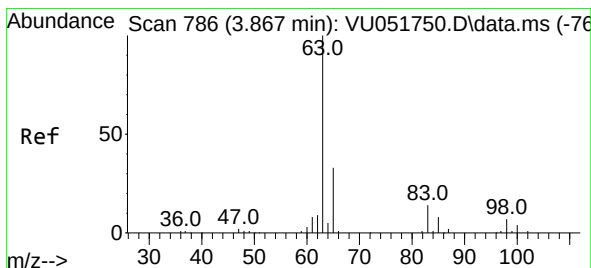
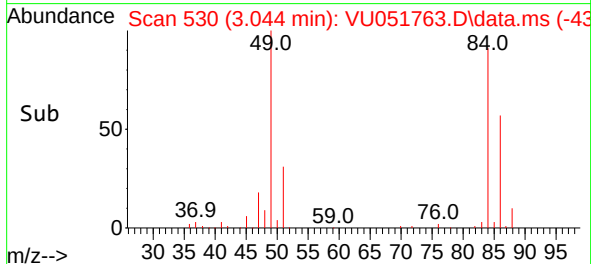
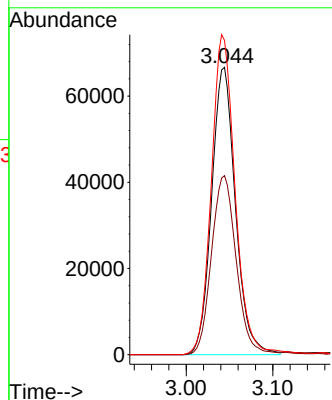
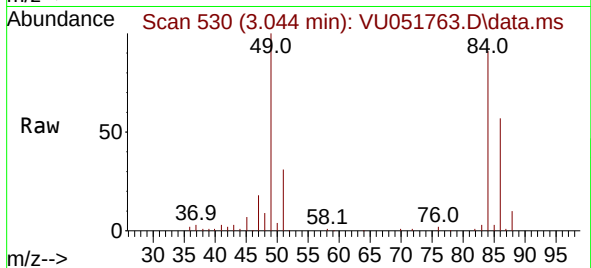




#16
Methylene chloride
Concen: 5.381 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU051763.D
Acq: 04 Nov 2022 16:26

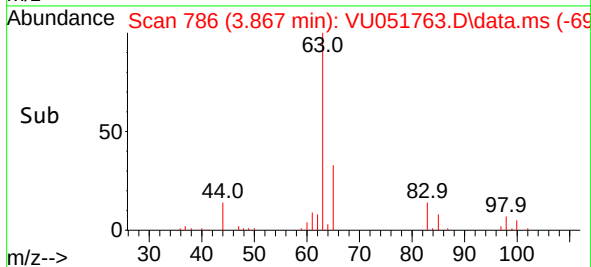
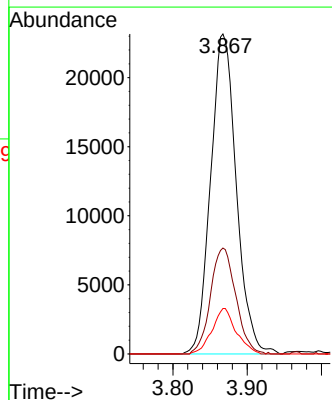
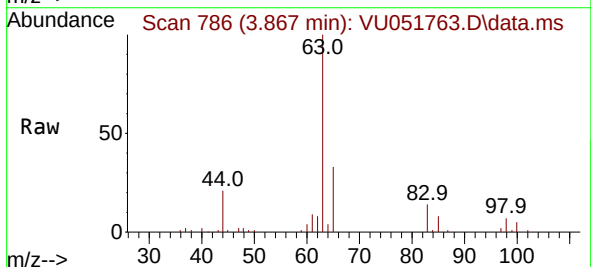
Instrument :
MSVOA_U
ClientSampleId :
EW4Y2DL

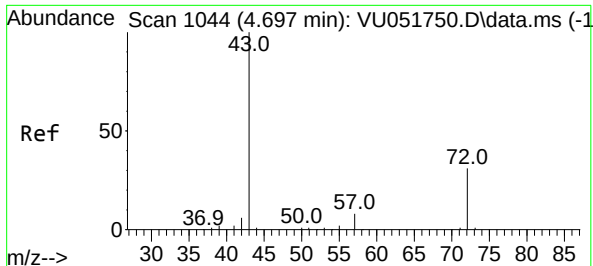
Tgt Ion: 84 Resp: 127493
Ion Ratio Lower Upper
84 100
86 62.3 46.3 85.9
49 109.4 76.0 141.2



#19
1,1-Dichloroethane
Concen: 1.943 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU051763.D
Acq: 04 Nov 2022 16:26

Tgt Ion: 63 Resp: 55629
Ion Ratio Lower Upper
63 100
65 33.1 22.7 42.1
83 14.2 9.2 17.0





#21

2-Butanone

Concen: 18.913 ug/L

RT: 4.729 min Scan# 1054

Delta R.T. 0.032 min

Lab File: VU051763.D

Acq: 04 Nov 2022 16:26

Instrument :

MSVOA_U

ClientSampleId :

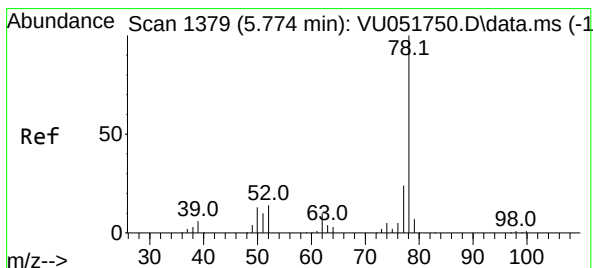
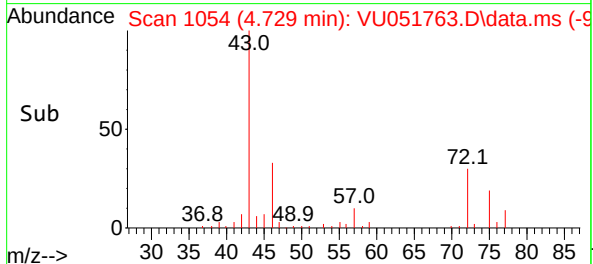
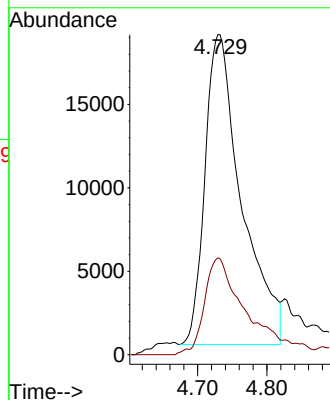
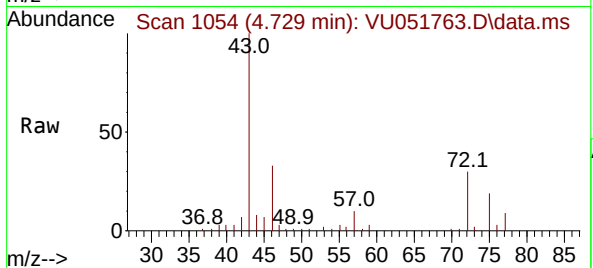
EW4Y2DL

Tgt Ion: 43 Resp: 68199

Ion Ratio Lower Upper

43 100

72 36.0 16.2 48.5



#33

Benzene

Concen: 0.175 ug/L

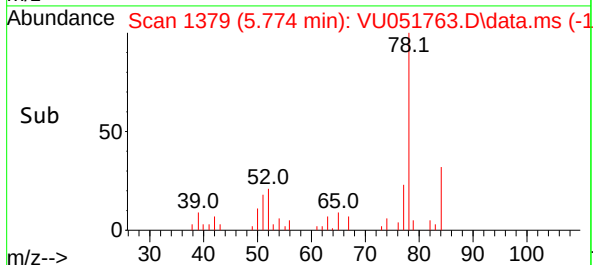
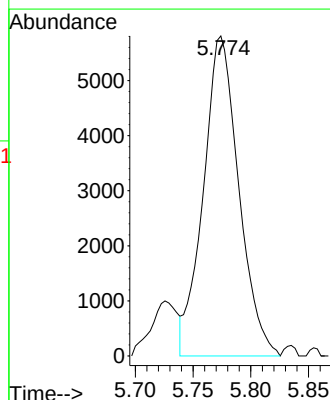
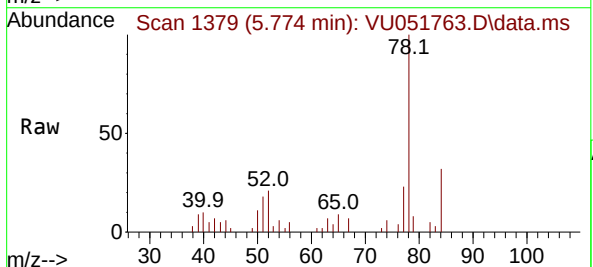
RT: 5.774 min Scan# 1379

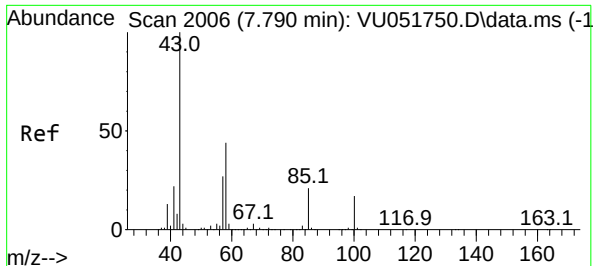
Delta R.T. 0.000 min

Lab File: VU051763.D

Acq: 04 Nov 2022 16:26

Tgt Ion: 78 Resp: 12384





#40

4-Methyl-2-pentanone

Concen: 5.554 ug/L

RT: 7.793 min Scan# 2006

Delta R.T. 0.003 min

Lab File: VU051763.D

Acq: 04 Nov 2022 16:26

Instrument :

MSVOA_U

ClientSampleId :

EW4Y2DL

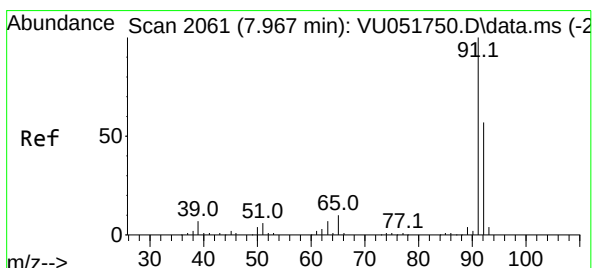
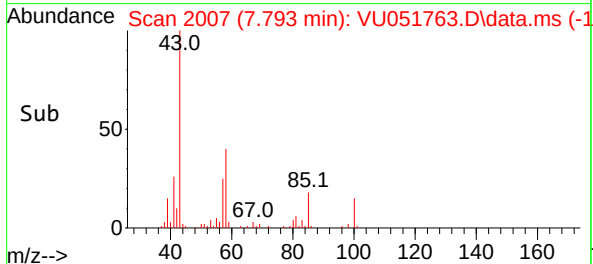
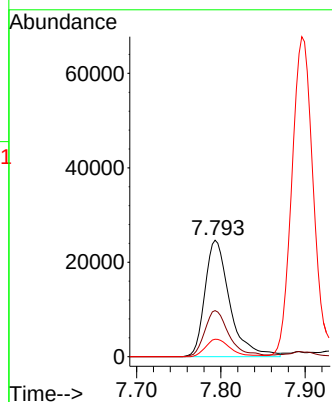
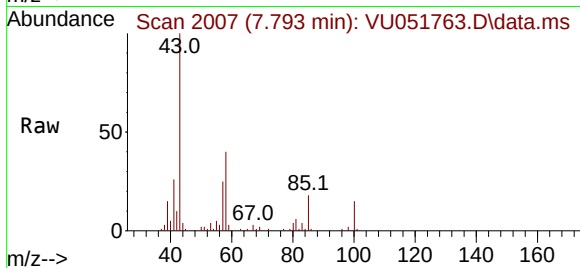
Tgt Ion: 43 Resp: 50601

Ion Ratio Lower Upper

43 100

58 39.2 35.0 52.6

100 15.2 13.4 20.0



#42

Toluene

Concen: 1.290 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU051763.D

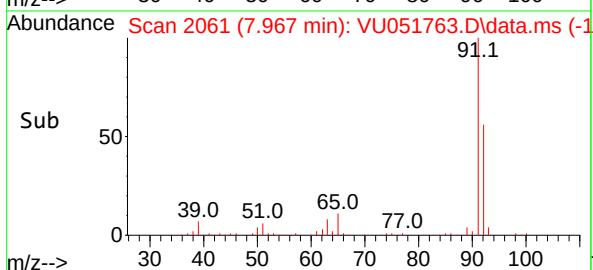
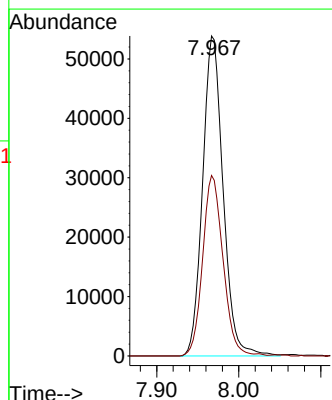
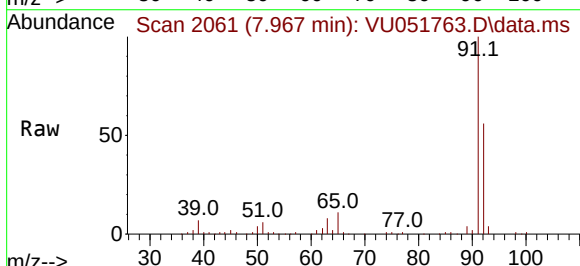
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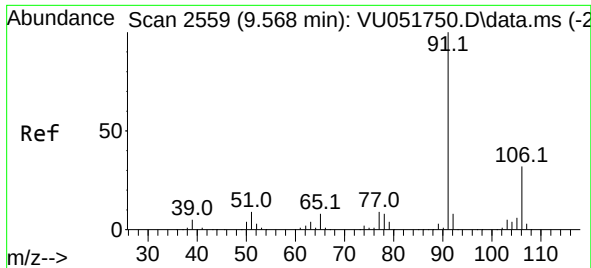
Tgt Ion: 91 Resp: 93563

Ion Ratio Lower Upper

91 100

92 56.4 40.5 75.3

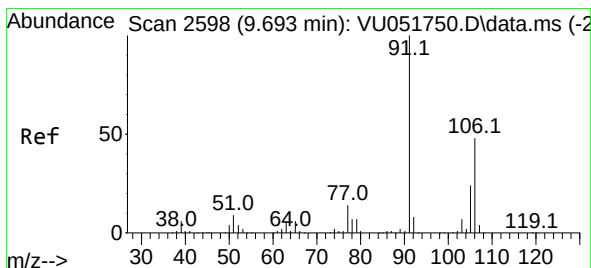
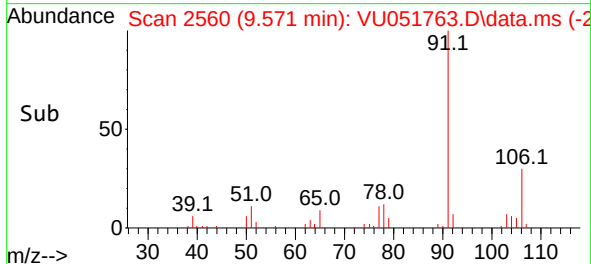
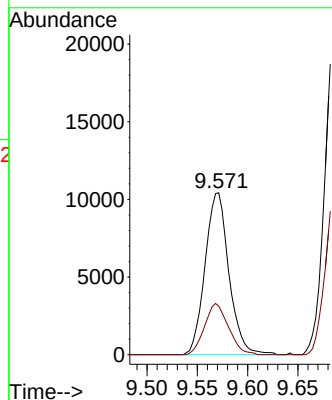
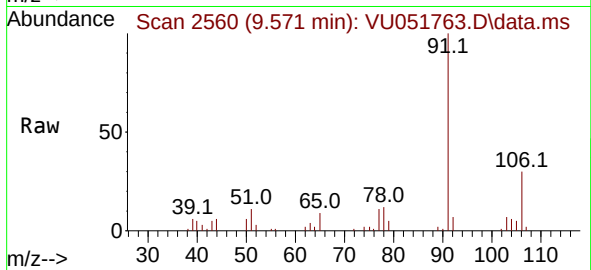




#52
Ethylbenzene
Concen: 0.246 ug/L
RT: 9.571 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU051763.D
Acq: 04 Nov 2022 16:26

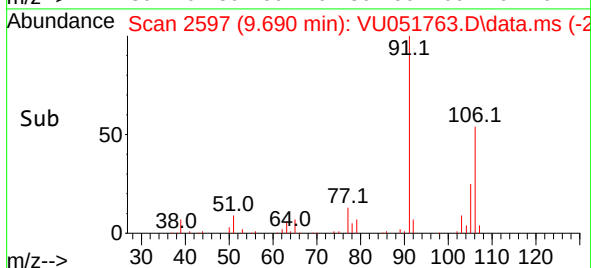
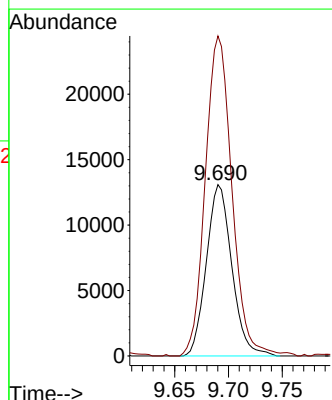
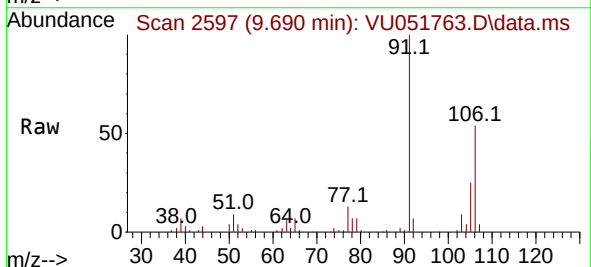
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EW4Y2DL

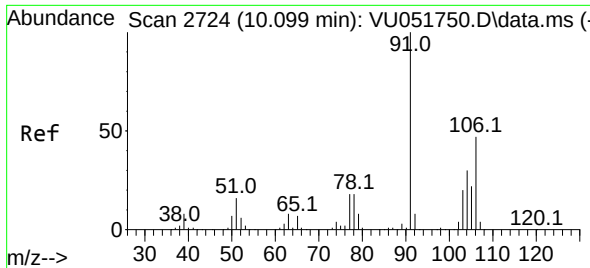
Tgt Ion: 91 Resp: 17236
Ion Ratio Lower Upper
91 100
106 30.0 21.8 40.6



#53
m,p-Xylene
Concen: 0.794 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU051763.D
Acq: 04 Nov 2022 16:26

Tgt Ion:106 Resp: 21573
Ion Ratio Lower Upper
106 100
91 186.8 139.4 259.0

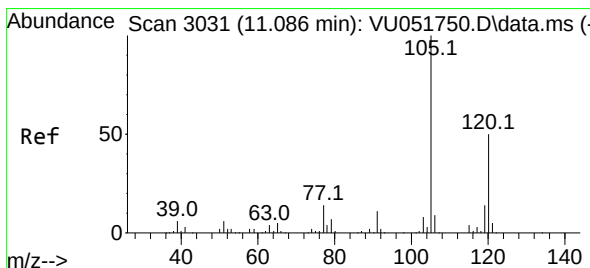
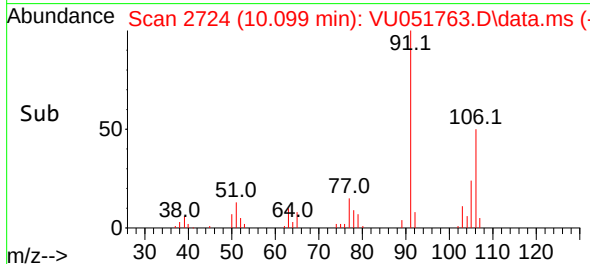
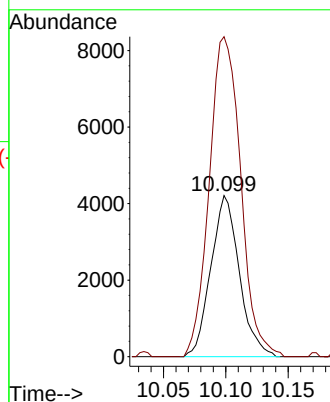
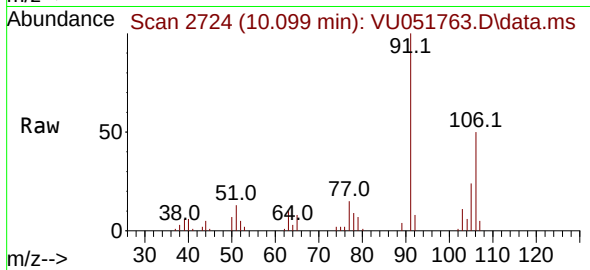




#54
o-Xylene
Concen: 0.252 ug/L
RT: 10.099 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051763.D
Acq: 04 Nov 2022 16:26

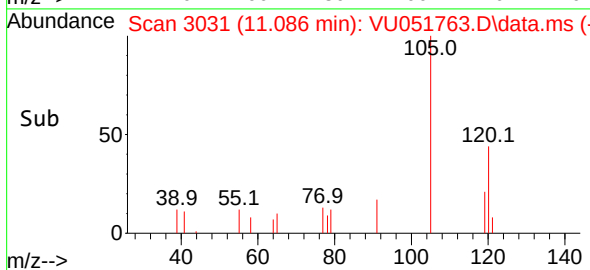
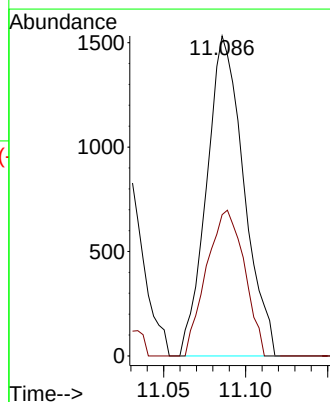
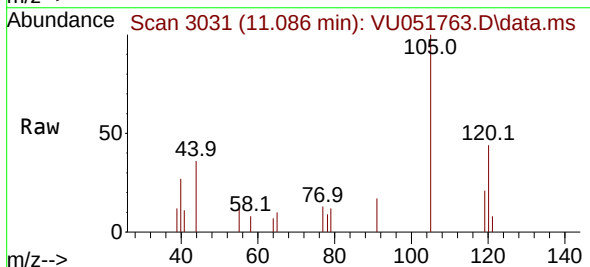
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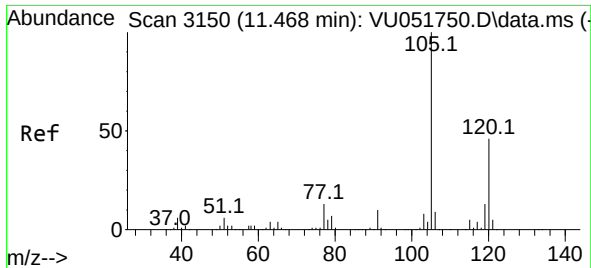
Tgt Ion:106 Resp: 6695
Ion Ratio Lower Upper
106 100
91 198.6 149.2 277.2



#62
1,3,5-Trimethylbenzene
Concen: 0.135 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. 0.000 min
Lab File: VU051763.D
Acq: 04 Nov 2022 16:26

Tgt Ion:105 Resp: 2414
Ion Ratio Lower Upper
105 100
120 46.5 38.6 57.8





#63
 1,2,4-Trimethylbenzene
 Concen: 0.156 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU051763.D
 Acq: 04 Nov 2022 16:26

Instrument :
 MSVOA_U
 ClientSampleId :
 EW4Y2DL

Tgt Ion:105 Resp: 8045
 Ion Ratio Lower Upper
 105 100
 120 47.4 35.8 53.6

