

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110322\
 Data File : VU051741.D
 Acq On : 03 Nov 2022 18:14
 Operator : JC/MD
 Sample : N5407-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW4Y2

Quant Time: Nov 04 00:53:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 04 00:49:19 2022
 Response via : Initial Calibration

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

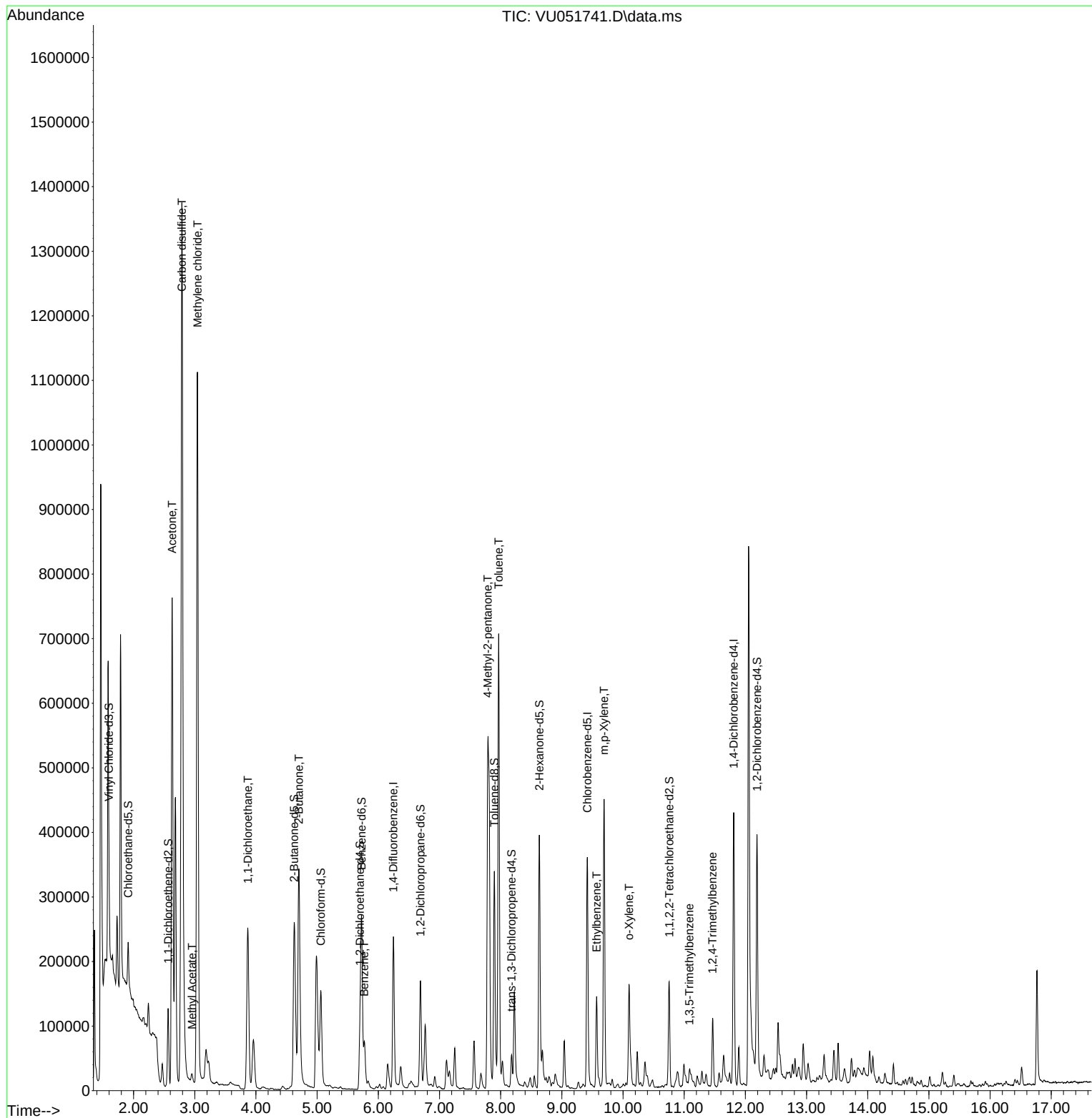
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	192869	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	207447	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	116247	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	54297	3.738	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.800%
7) Chloroethane-d5	1.913	69	52224	3.447	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.000%
11) 1,1-Dichloroethene-d2	2.565	65	21720	4.120	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.400%
20) 2-Butanone-d5	4.623	46	160626	30.533	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	61.060%
24) Chloroform-d	5.060	84	128923	3.793	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.800%
26) 1,2-Dichloroethane-d4	5.700	65	64425	3.509	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.200%
32) Benzene-d6	5.726	84	246065	3.759	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.200%
36) 1,2-Dichloropropane-d6	6.690	67	83730	3.658	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.200%
41) Toluene-d8	7.896	98	231069	4.488	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	8.176	79	28095	4.014	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	8.633	63	138995	32.988	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.980%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	73763	3.516	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	70.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	94125	4.412	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.200%
Target Compounds						Qvalue
13) Acetone	2.630	43	882802	330.738	ug/L	98
14) Carbon disulfide	2.790	76	1338701	24.767	ug/L	99
15) Methyl Acetate	2.954	43	17728	2.537	ug/L	99
16) Methylene chloride	3.044	84	564669	20.561	ug/L	99
19) 1,1-Dichloroethane	3.867	63	280508	8.451	ug/L	99
21) 2-Butanone	4.703	43	471817	112.875	ug/L	98
33) Benzene	5.771	78	61319	0.749	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	310158	29.368	ug/L	99
42) Toluene	7.967	91	528710	6.289	ug/L	99
52) Ethylbenzene	9.568	91	95013	1.171	ug/L	98
53) m,p-Xylene	9.690	106	128858	4.090	ug/L	100
54) o-Xylene	10.099	106	41944	1.362	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	14616	0.640	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	54653	0.830	ug/L	98

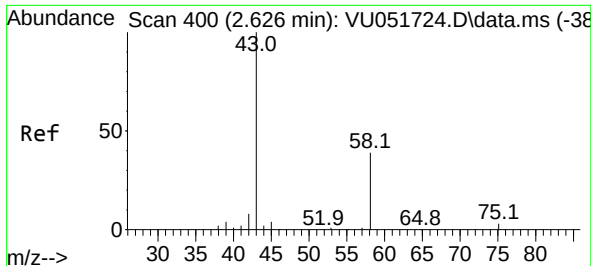
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 330.738 ug/L

RT: 2.630 min Scan# 401

Delta R.T. 0.003 min

Lab File: VU051741.D

Acq: 03 Nov 2022 18:14

Instrument :

MSVOA_U

ClientSampleId :

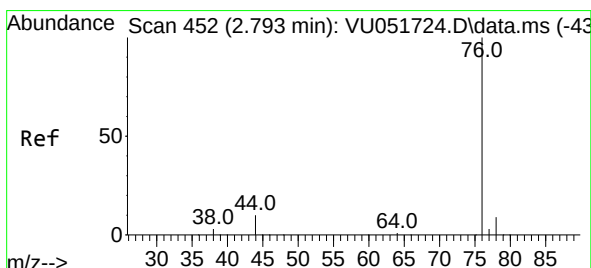
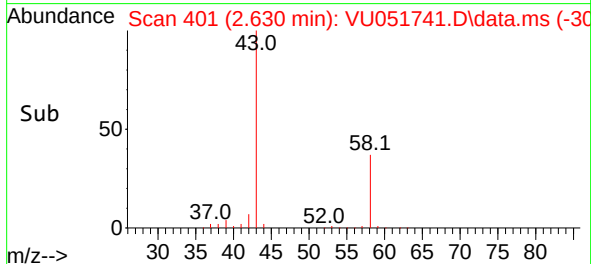
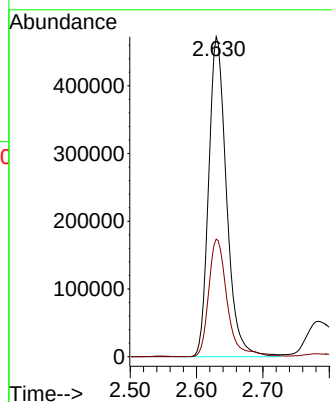
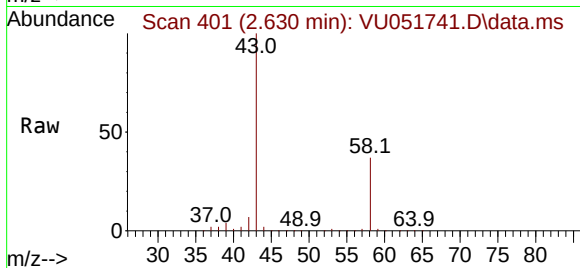
EW4Y2

Tgt Ion: 43 Resp: 882802

Ion Ratio Lower Upper

43 100

58 38.0 0.0 73.8



#14

Carbon disulfide

Concen: 24.767 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.003 min

Lab File: VU051741.D

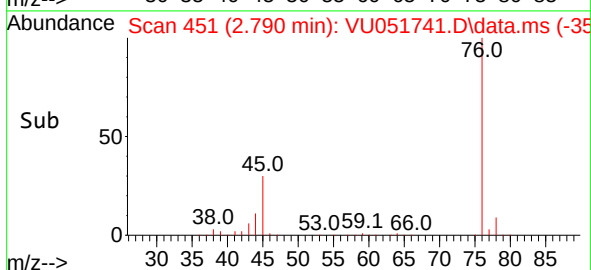
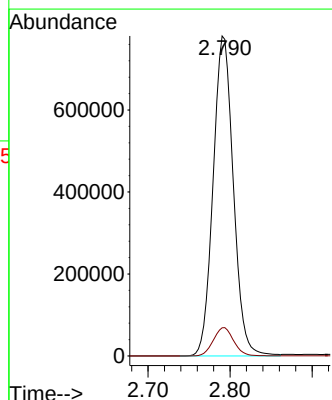
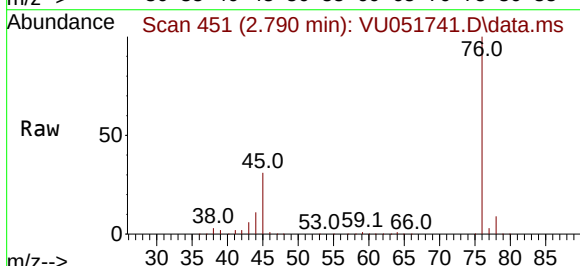
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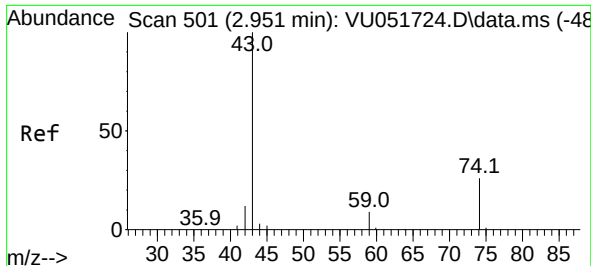
Tgt Ion: 76 Resp: 1338701

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.2

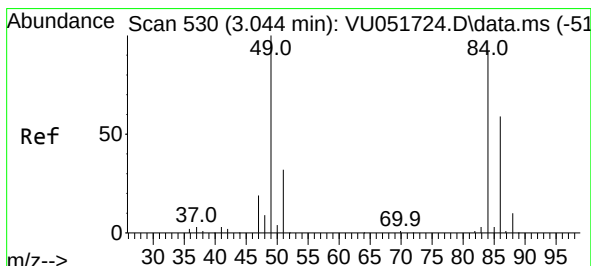
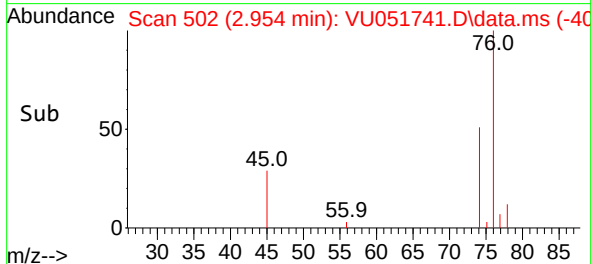
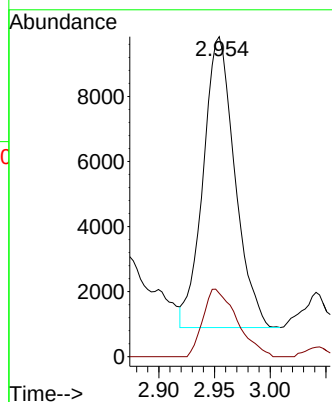
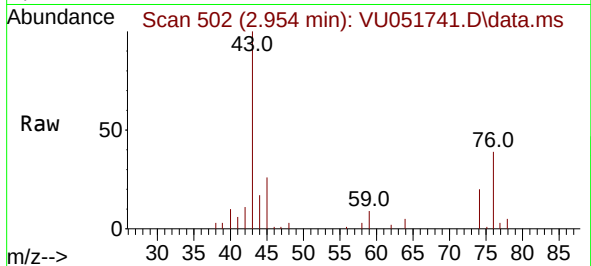




#15
Methyl Acetate
Concen: 2.537 ug/L
RT: 2.954 min Scan# 501
Delta R.T. 0.004 min
Lab File: VU051741.D
Acq: 03 Nov 2022 18:14

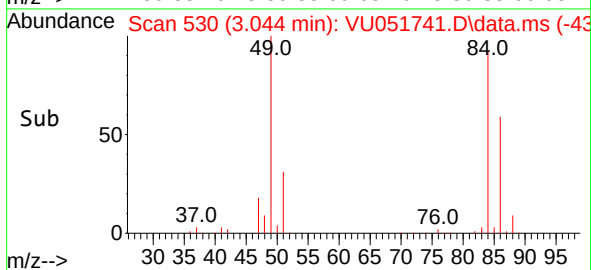
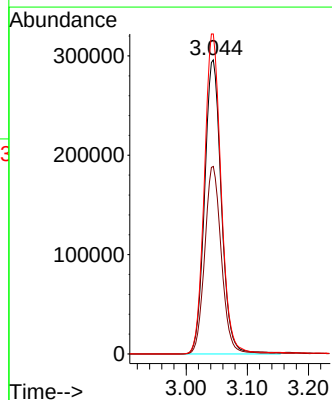
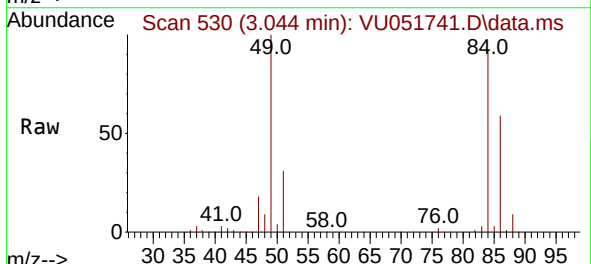
Instrument :
MSVOA_U
ClientSampleId :
EW4Y2

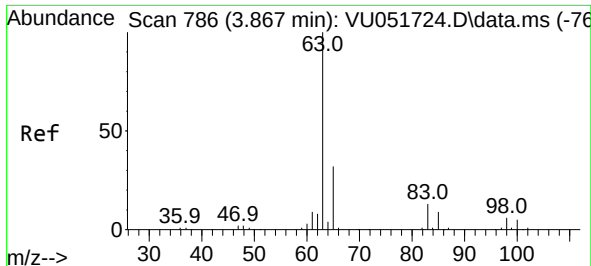
Tgt Ion: 43 Resp: 17728
Ion Ratio Lower Upper
43 100
74 24.9 20.2 30.4



#16
Methylene chloride
Concen: 20.561 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU051741.D
Acq: 03 Nov 2022 18:14

Tgt Ion: 84 Resp: 564669
Ion Ratio Lower Upper
84 100
86 63.8 46.3 85.9
49 108.8 76.0 141.2





#19

1,1-Dichloroethane

Concen: 8.451 ug/L

RT: 3.867 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU051741.D

Acq: 03 Nov 2022 18:14

Instrument :

MSVOA_U

ClientSampleId :

EW4Y2

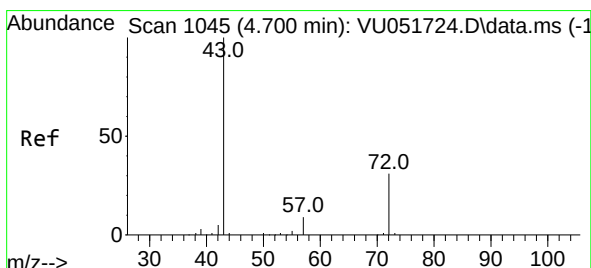
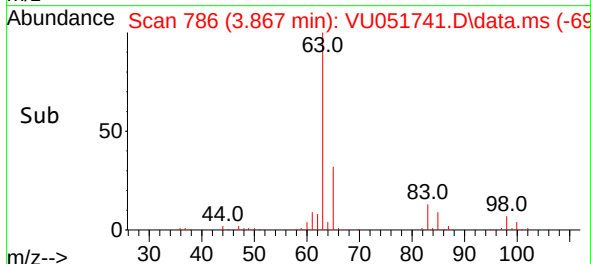
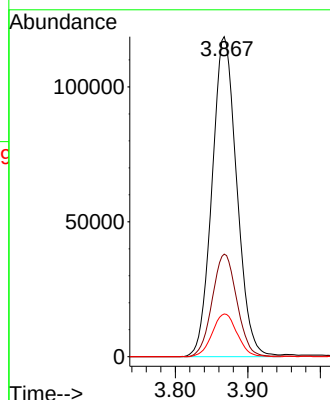
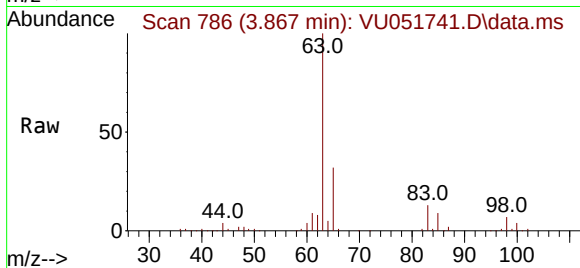
Tgt Ion: 63 Resp: 280508

Ion Ratio Lower Upper

63 100

65 32.1 22.7 42.1

83 13.3 9.2 17.0



#21

2-Butanone

Concen: 112.875 ug/L

RT: 4.703 min Scan# 1046

Delta R.T. 0.003 min

Lab File: VU051741.D

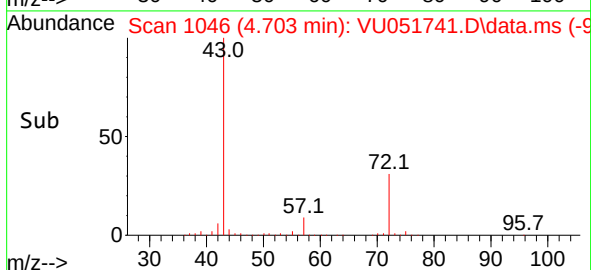
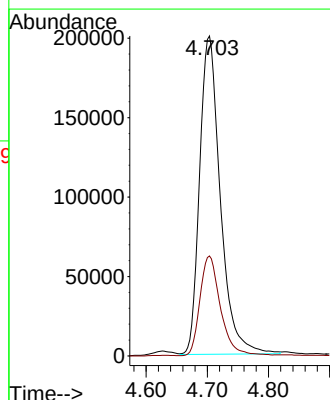
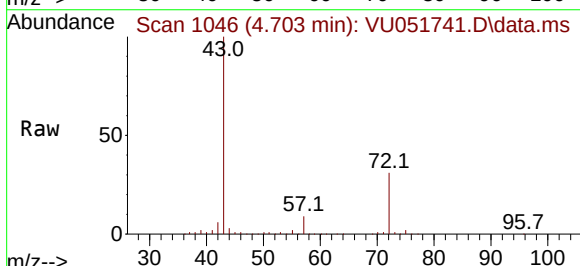
Acq: 03 Nov 2022 18:14

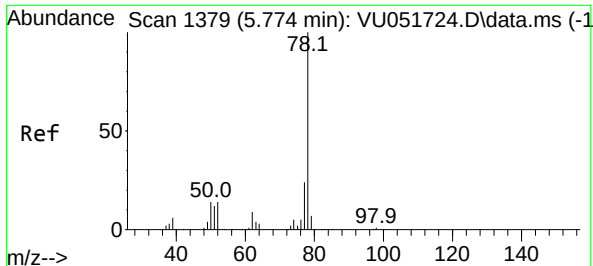
Tgt Ion: 43 Resp: 471817

Ion Ratio Lower Upper

43 100

72 31.0 16.2 48.5

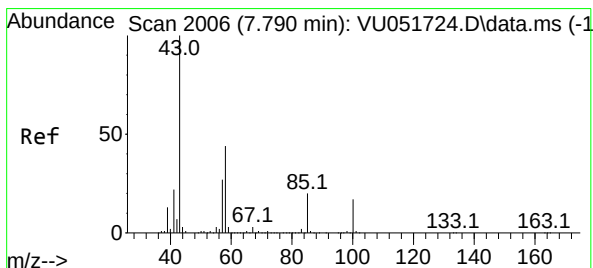
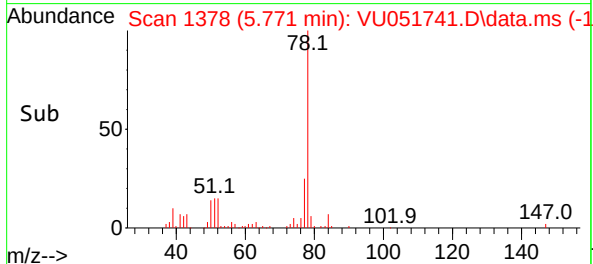
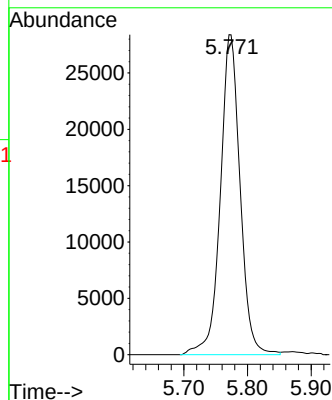
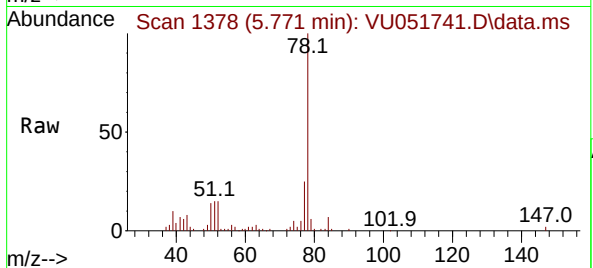




#33
Benzene
Concen: 0.749 ug/L
RT: 5.771 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU051741.D
Acq: 03 Nov 2022 18:14

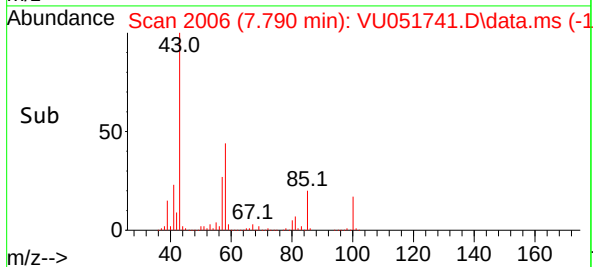
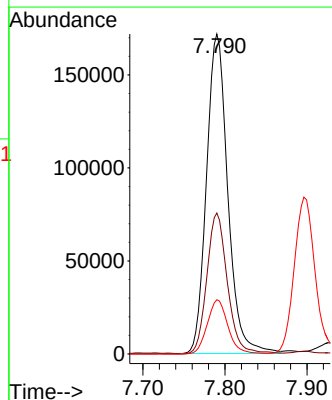
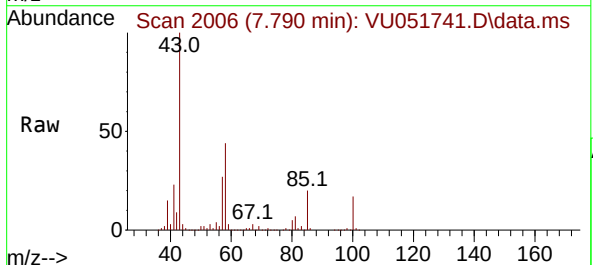
Instrument :
MSVOA_U
ClientSampleId :
EW4Y2

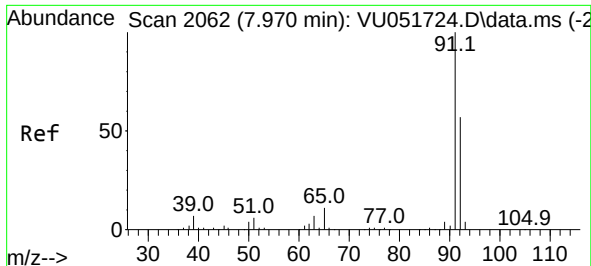
Tgt Ion: 78 Resp: 61319



#40
4-Methyl-2-pentanone
Concen: 29.368 ug/L
RT: 7.790 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VU051741.D
Acq: 03 Nov 2022 18:14

Tgt Ion: 43 Resp: 310158
Ion Ratio Lower Upper
43 100
58 42.7 35.0 52.6
100 16.5 13.4 20.0





#42

Toluene

Concen: 6.289 ug/L

RT: 7.967 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU051741.D

Acq: 03 Nov 2022 18:14

Instrument :

MSVOA_U

ClientSampleId :

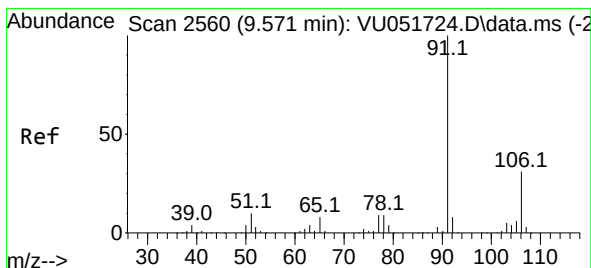
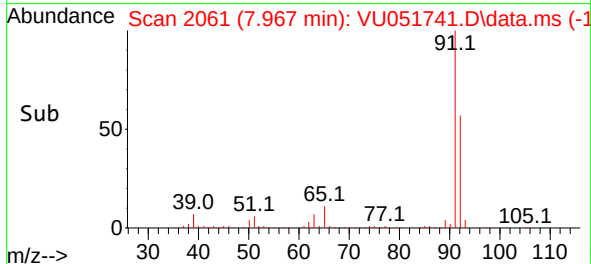
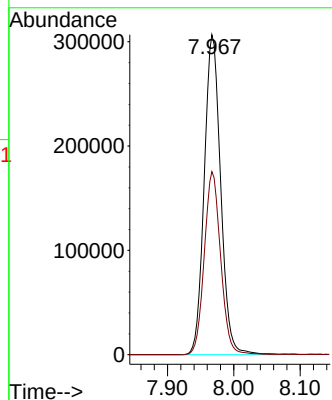
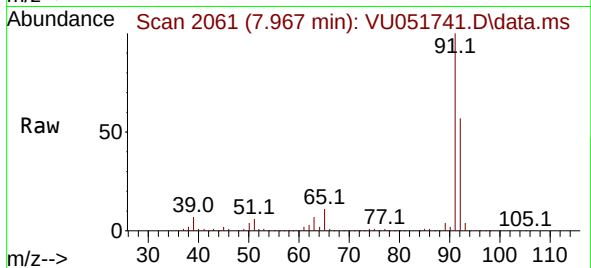
EW4Y2

Tgt Ion: 91 Resp: 528710

Ion Ratio Lower Upper

91 100

92 57.2 40.5 75.3



#52

Ethylbenzene

Concen: 1.171 ug/L

RT: 9.568 min Scan# 2559

Delta R.T. -0.003 min

Lab File: VU051741.D

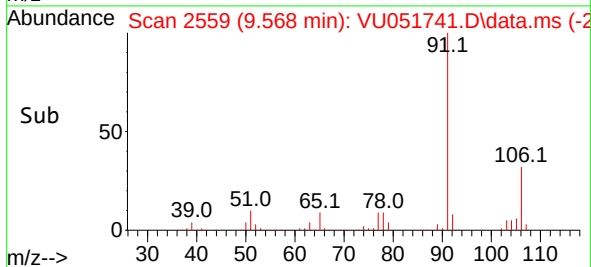
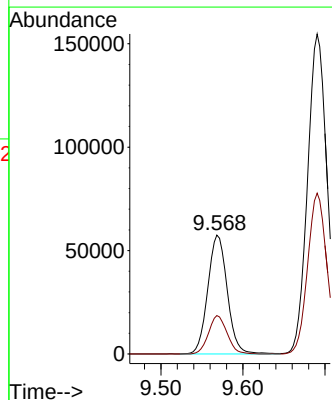
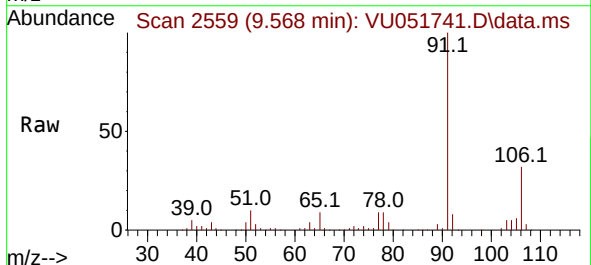
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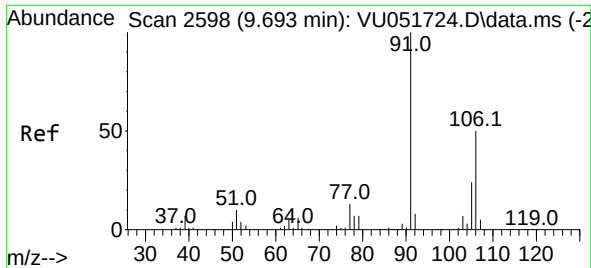
Tgt Ion: 91 Resp: 95013

Ion Ratio Lower Upper

91 100

106 32.3 21.8 40.6

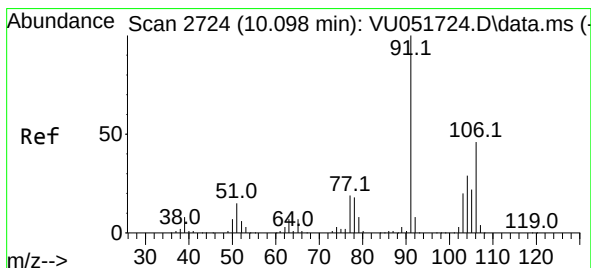
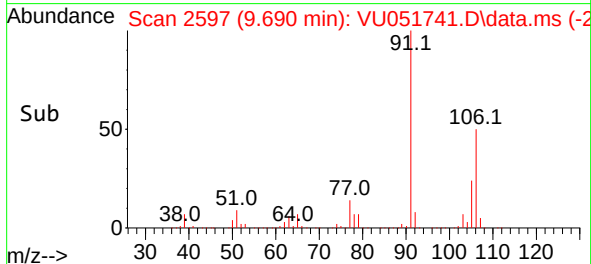
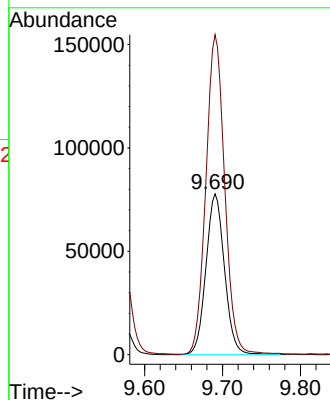
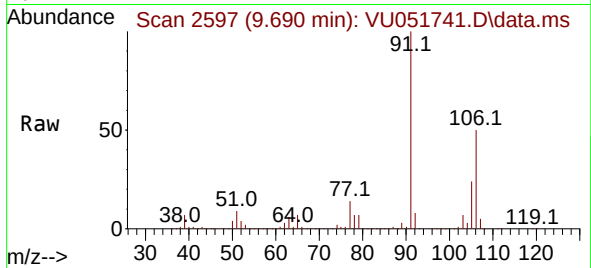




#53
m,p-Xylene
Concen: 4.090 ug/L
RT: 9.690 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU051741.D
Acq: 03 Nov 2022 18:14

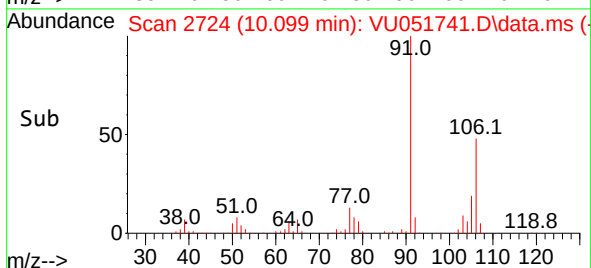
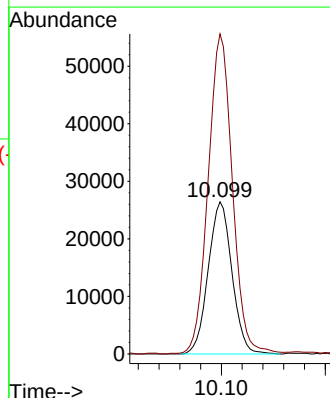
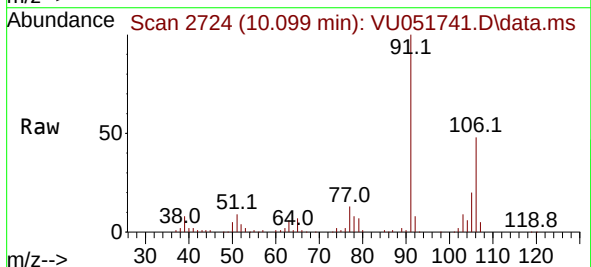
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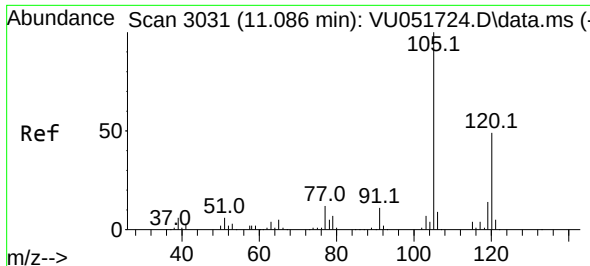
Tgt Ion:106 Resp: 128858
Ion Ratio Lower Upper
106 100
91 199.0 139.4 259.0



#54
o-Xylene
Concen: 1.362 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU051741.D
Acq: 03 Nov 2022 18:14

Tgt Ion:106 Resp: 41944
Ion Ratio Lower Upper
106 100
91 210.2 149.2 277.2

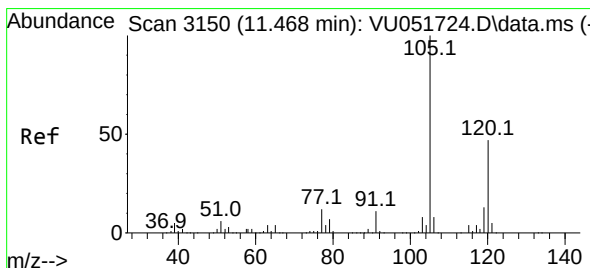
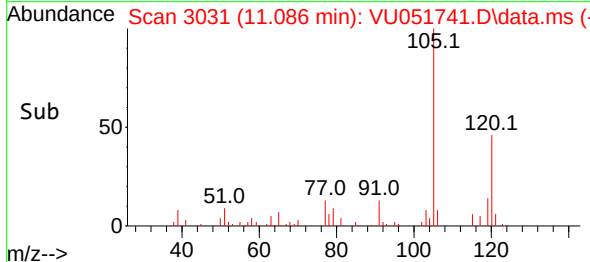
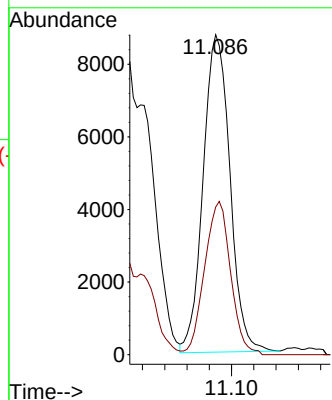
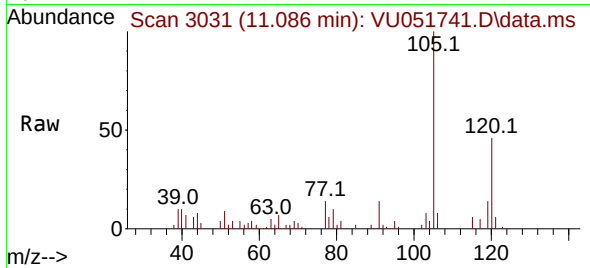




#62
 1,3,5-Trimethylbenzene
 Concen: 0.640 ug/L
 RT: 11.086 min Scan# 3031
 Delta R.T. 0.000 min
 Lab File: VU051741.D
 Acq: 03 Nov 2022 18:14

Instrument :
 MSVOA_U
 ClientSampleId :
 EW4Y2

Tgt Ion:105 Resp: 14616
 Ion Ratio Lower Upper
 105 100
 120 46.9 38.6 57.8



#63
 1,2,4-Trimethylbenzene
 Concen: 0.830 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. -0.003 min
 Lab File: VU051741.D
 Acq: 03 Nov 2022 18:14

Tgt Ion:105 Resp: 54653
 Ion Ratio Lower Upper
 105 100
 120 45.9 35.8 53.6

