

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110322\
 Data File : VU051735.D
 Acq On : 03 Nov 2022 15:50
 Operator : JC/MD
 Sample : N5407-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW4Y1

Quant Time: Nov 04 00:51:56 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)

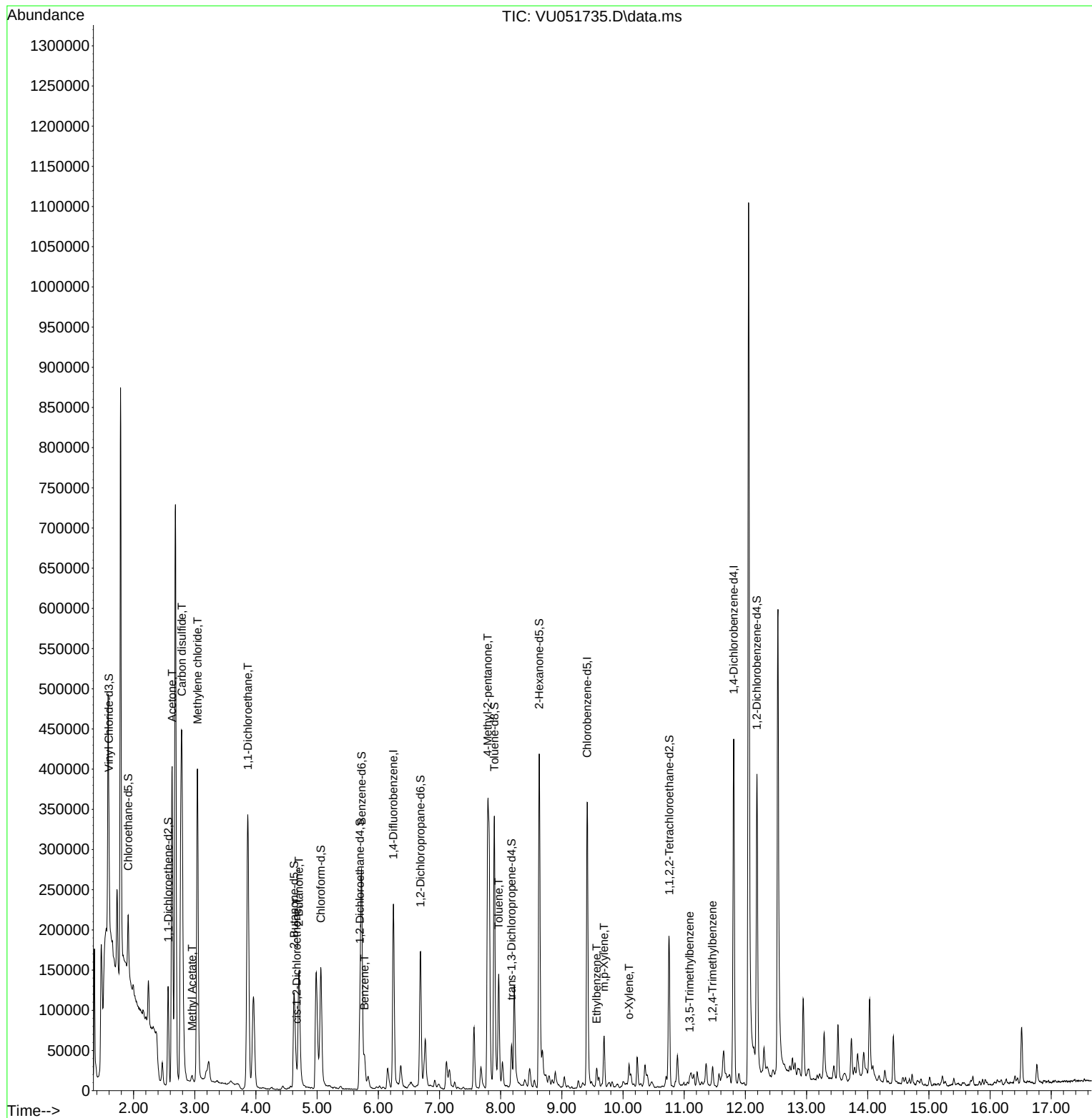
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	191311	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	203224	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	115315	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	54110	3.755	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.200%
7) Chloroethane-d5	1.912	69	53276	3.545	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.000%
11) 1,1-Dichloroethene-d2	2.565	65	22592	4.320	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.400%
20) 2-Butanone-d5	4.623	46	163547	31.342	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	62.680%
24) Chloroform-d	5.060	84	132438	3.928	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
26) 1,2-Dichloroethane-d4	5.700	65	65327	3.587	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.800%
32) Benzene-d6	5.726	84	251006	3.914	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.200%
36) 1,2-Dichloropropane-d6	6.687	67	86557	3.860	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.200%
41) Toluene-d8	7.896	98	231748	4.595	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	8.179	79	30296	4.418	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.629	63	145061	35.143	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.280%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	77013	3.748	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.000%
66) 1,2-Dichlorobenzene-d4	12.188	152	99220	4.688	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						Qvalue
13) Acetone	2.629	43	450785	170.260	ug/L	100
14) Carbon disulfide	2.790	76	185421	3.458	ug/L	98
15) Methyl Acetate	2.957	43	10325	1.490	ug/L	95
16) Methylene chloride	3.044	84	196765	7.223	ug/L	99
19) 1,1-Dichloroethane	3.867	63	388278	11.794	ug/L	100
21) 2-Butanone	4.703	43	203855	49.166	ug/L	97
22) cis-1,2-Dichloroethene	4.668	96	2527	0.128	ug/L	90
33) Benzene	5.774	78	32689	0.408	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	206348	19.944	ug/L	98
42) Toluene	7.967	91	102920	1.250	ug/L	95
52) Ethylbenzene	9.568	91	13503	0.170	ug/L	93
53) m,p-Xylene	9.690	106	17843	0.578	ug/L	95
54) o-Xylene	10.099	106	6943	0.230	ug/L	96
62) 1,3,5-Trimethylbenzene	11.089	105	3984	0.176	ug/L	91
63) 1,2,4-Trimethylbenzene	11.465	105	11408	0.175	ug/L	98

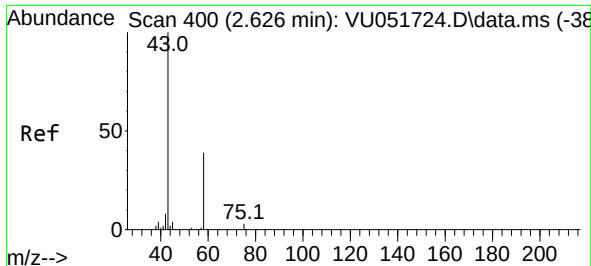
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 170.260 ug/L

RT: 2.629 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU051735.D

Acq: 03 Nov 2022 15:50

Instrument :

MSVOA_U

ClientSampleId :

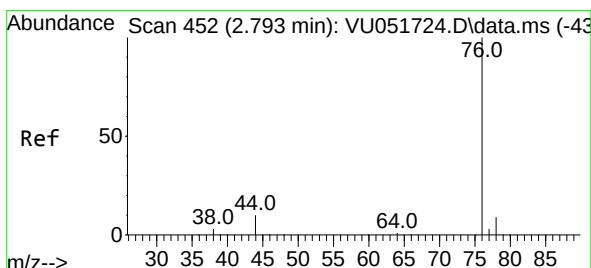
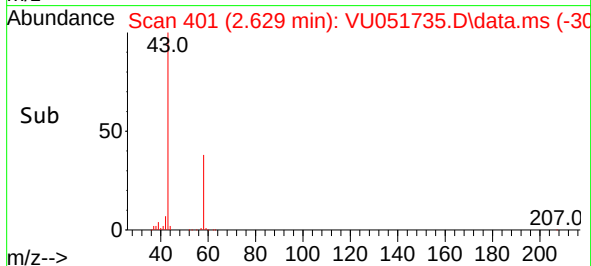
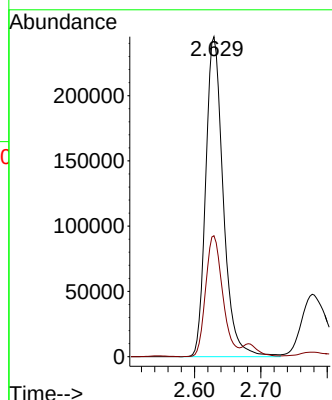
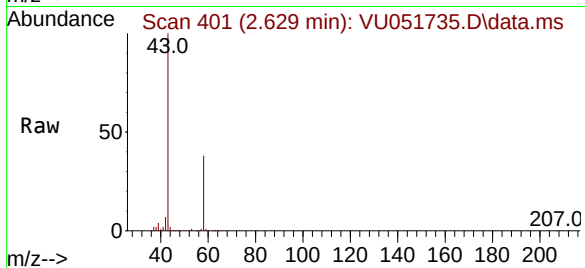
EW4Y1

Tgt Ion: 43 Resp: 450785

Ion Ratio Lower Upper

43 100

58 37.0 0.0 73.8



#14

Carbon disulfide

Concen: 3.458 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.003 min

Lab File: VU051735.D

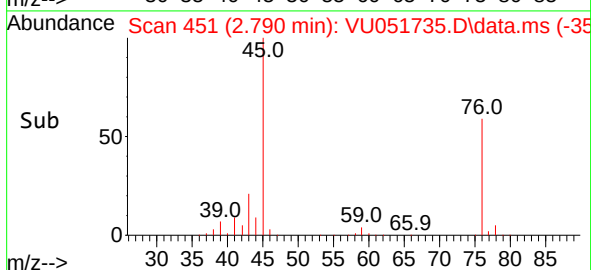
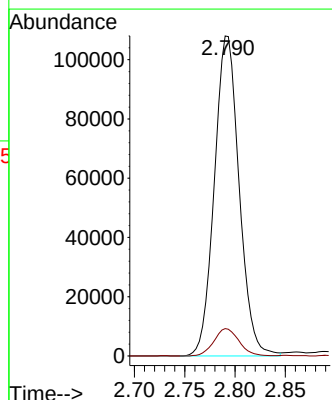
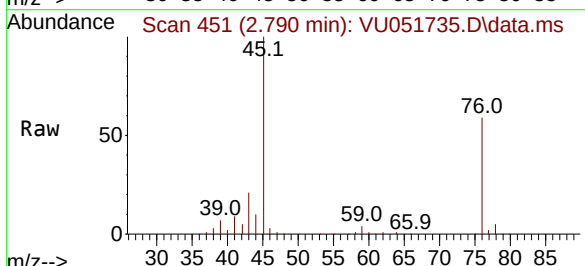
Acq: 03 Nov 2022 15:50

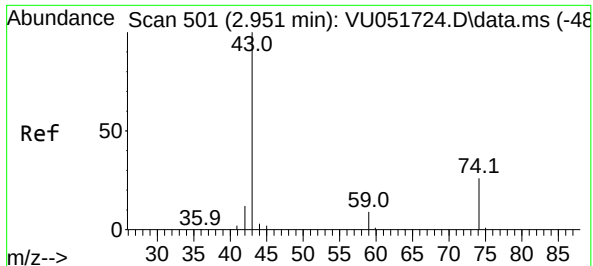
Tgt Ion: 76 Resp: 185421

Ion Ratio Lower Upper

76 100

78 8.6 7.4 11.2

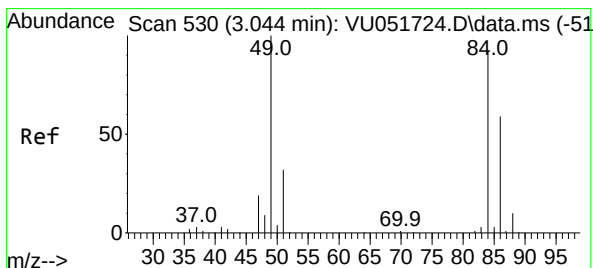
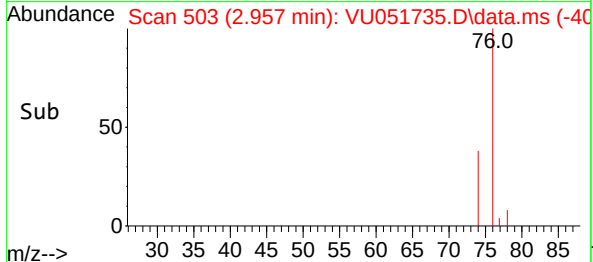
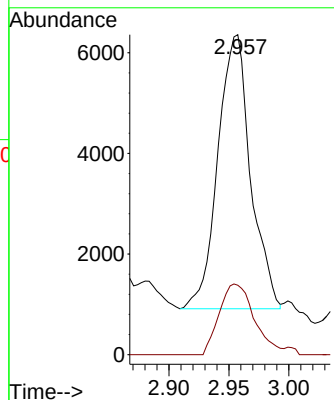
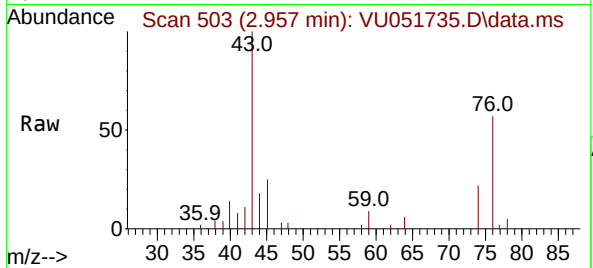




#15
Methyl Acetate
Concen: 1.490 ug/L
RT: 2.957 min Scan# 501
Delta R.T. 0.007 min
Lab File: VU051735.D
Acq: 03 Nov 2022 15:50

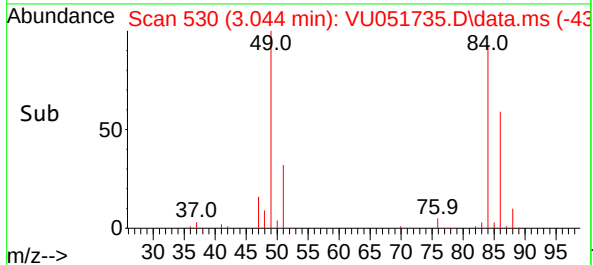
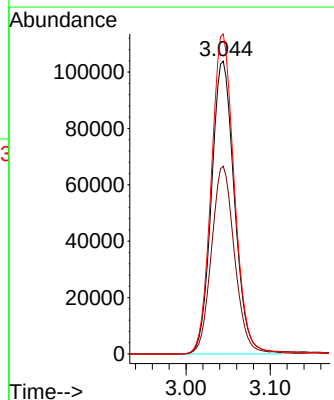
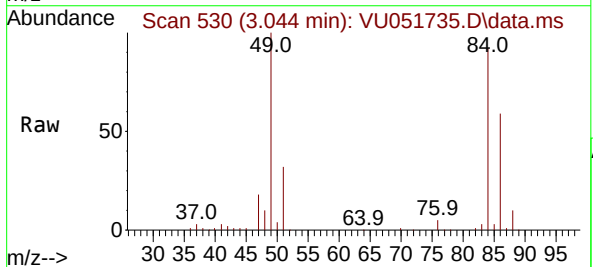
Instrument :
MSVOA_U
ClientSampleId :
EW4Y1

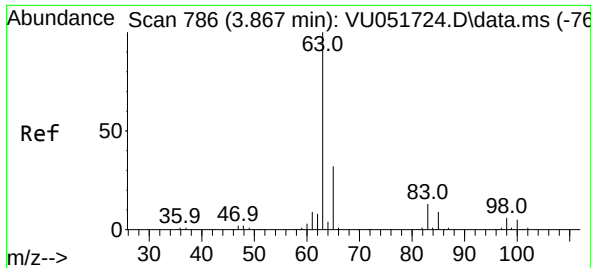
Tgt Ion: 43 Resp: 10325
Ion Ratio Lower Upper
43 100
74 27.7 20.2 30.4



#16
Methylene chloride
Concen: 7.223 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU051735.D
Acq: 03 Nov 2022 15:50

Tgt Ion: 84 Resp: 196765
Ion Ratio Lower Upper
84 100
86 64.1 46.3 85.9
49 109.3 76.0 141.2

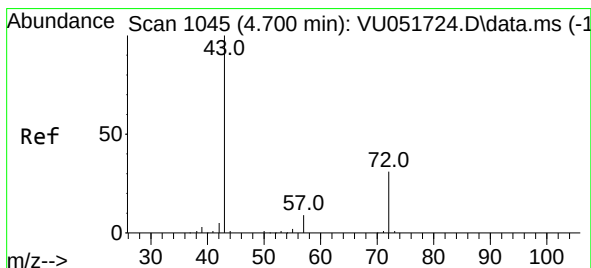
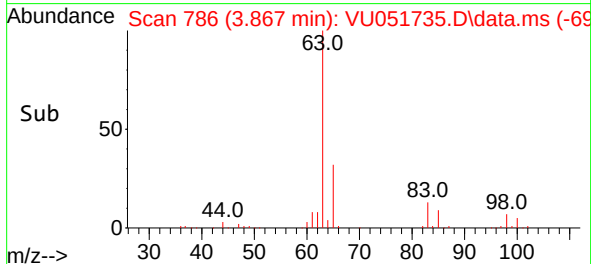
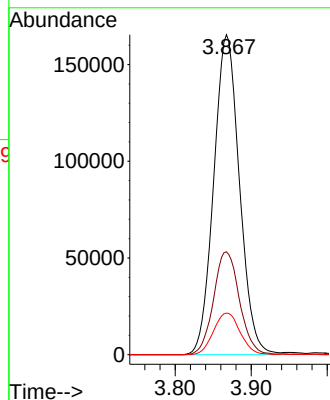
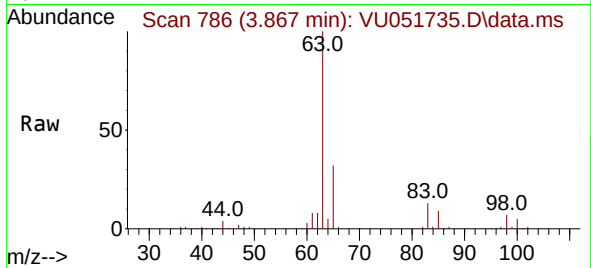




#19
1,1-Dichloroethane
Concen: 11.794 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU051735.D
Acq: 03 Nov 2022 15:50

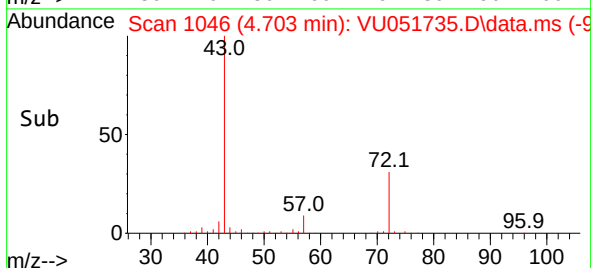
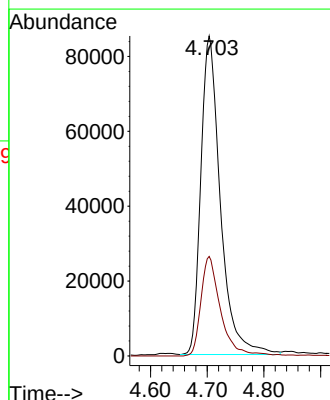
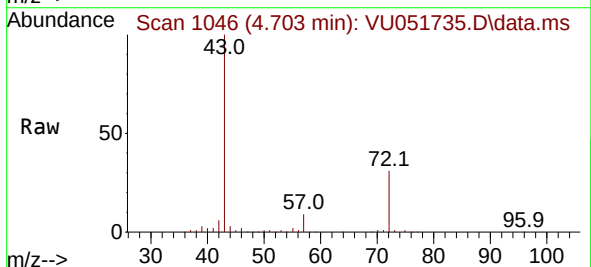
Instrument :
MSVOA_U
ClientSampleId :
EW4Y1

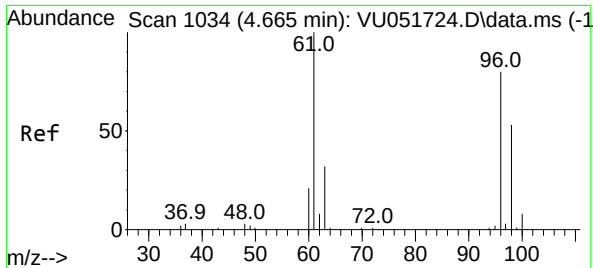
Tgt Ion: 63 Resp: 388278
Ion Ratio Lower Upper
63 100
65 32.2 22.7 42.1
83 13.0 9.2 17.0



#21
2-Butanone
Concen: 49.166 ug/L
RT: 4.703 min Scan# 1046
Delta R.T. 0.003 min
Lab File: VU051735.D
Acq: 03 Nov 2022 15:50

Tgt Ion: 43 Resp: 203855
Ion Ratio Lower Upper
43 100
72 30.6 16.2 48.5

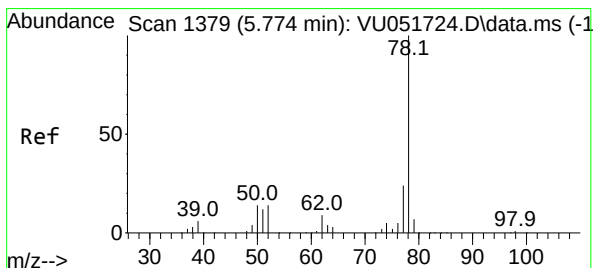
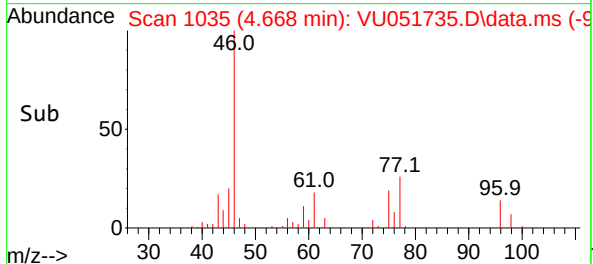
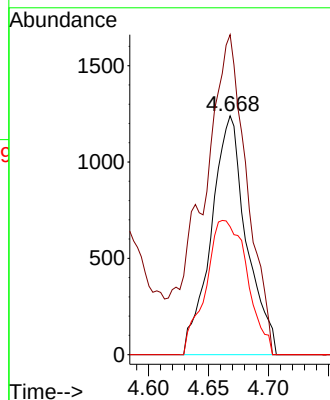
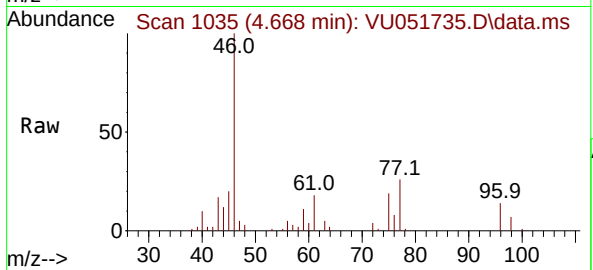




#22
 cis-1,2-Dichloroethene
 Concen: 0.128 ug/L
 RT: 4.668 min Scan# 1034
 Delta R.T. 0.003 min
 Lab File: VU051735.D
 Acq: 03 Nov 2022 15:50

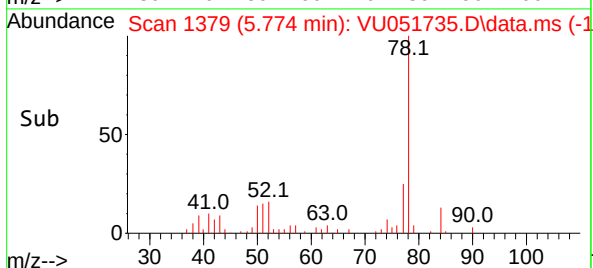
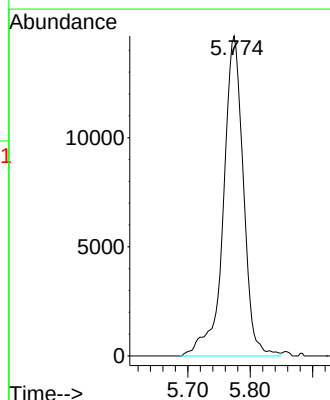
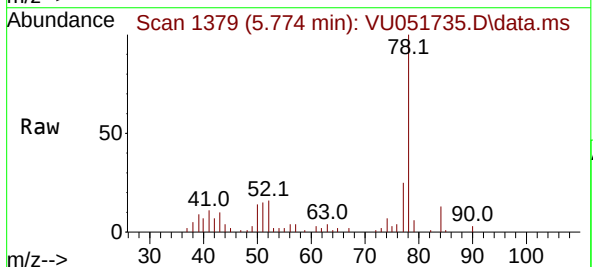
Instrument :
 MSVOA_U
 ClientSampleId :
 EW4Y1

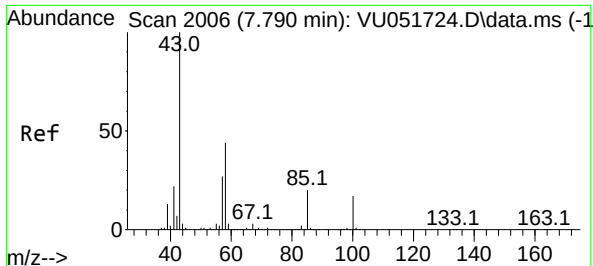
Tgt Ion: 96 Resp: 2527
 Ion Ratio Lower Upper
 96 100
 61 134.0 86.4 160.4
 98 53.5 44.2 82.2



#33
 Benzene
 Concen: 0.408 ug/L
 RT: 5.774 min Scan# 1379
 Delta R.T. 0.000 min
 Lab File: VU051735.D
 Acq: 03 Nov 2022 15:50

Tgt Ion: 78 Resp: 32689





#40

4-Methyl-2-pentanone

Concen: 19.944 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU051735.D

Acq: 03 Nov 2022 15:50

Instrument :

MSVOA_U

ClientSampleId :

EW4Y1

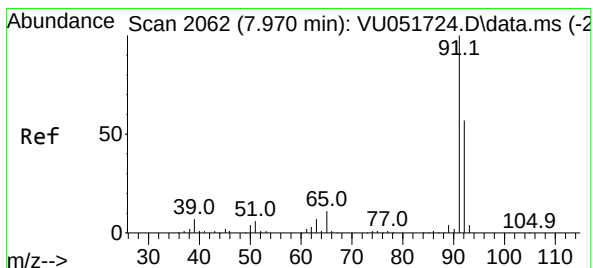
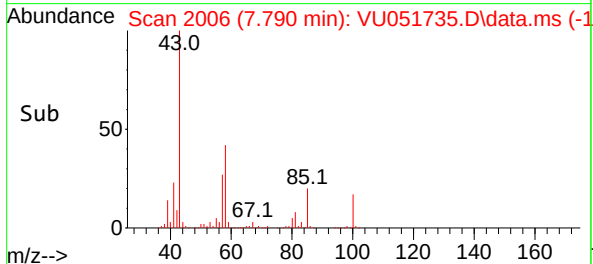
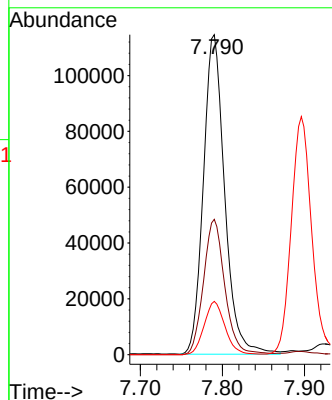
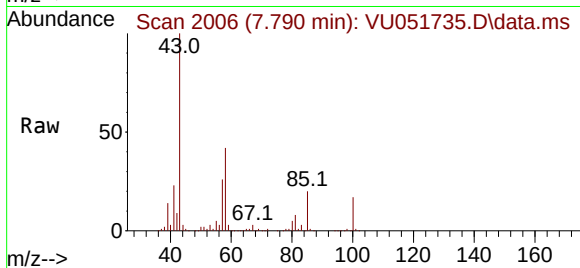
Tgt Ion: 43 Resp: 206348

Ion Ratio Lower Upper

43 100

58 42.5 35.0 52.6

100 16.4 13.4 20.0



#42

Toluene

Concen: 1.250 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.003 min

Lab File: VU051735.D

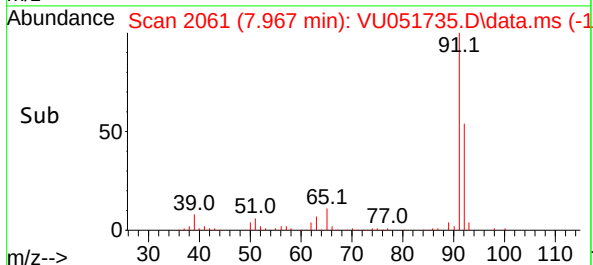
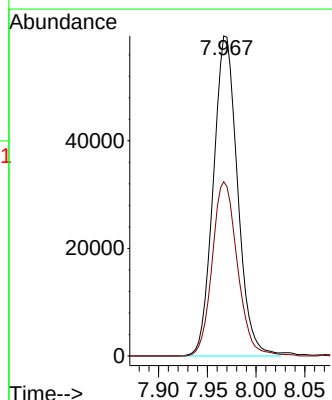
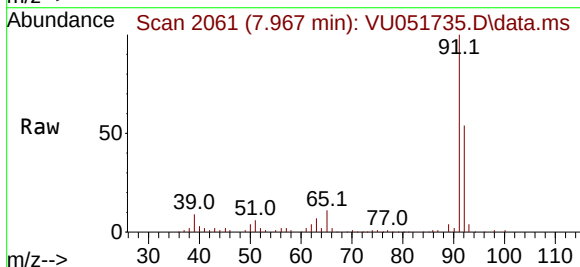
Acq: 03 Nov 2022 15:50

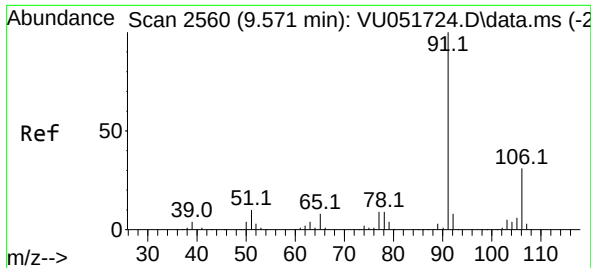
Tgt Ion: 91 Resp: 102920

Ion Ratio Lower Upper

91 100

92 54.5 40.5 75.3

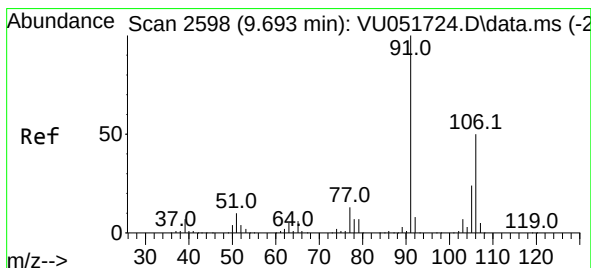
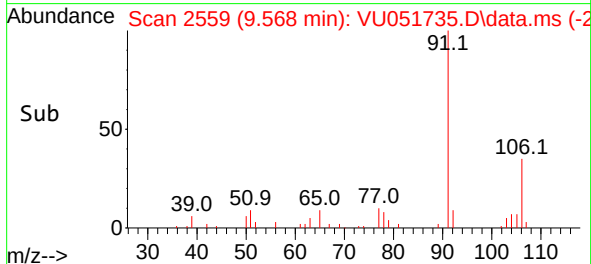
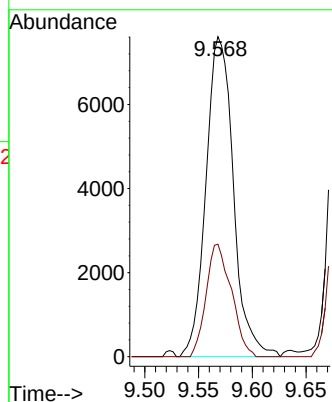
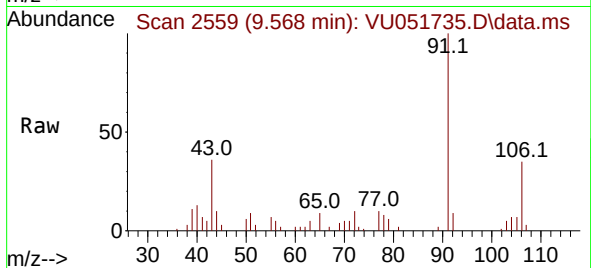




#52
Ethylbenzene
Concen: 0.170 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.003 min
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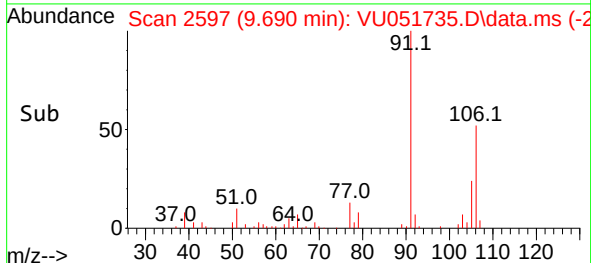
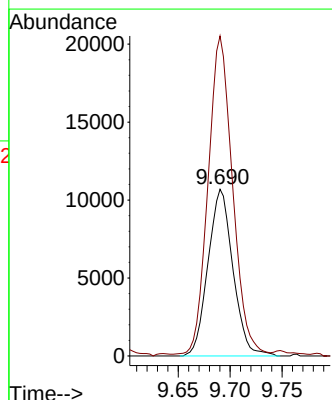
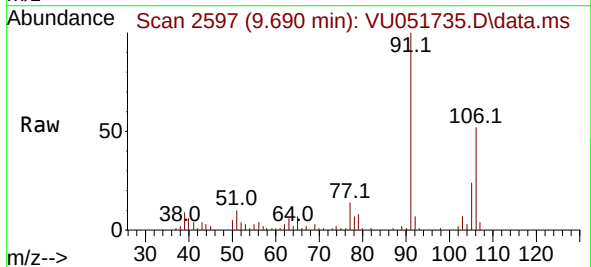
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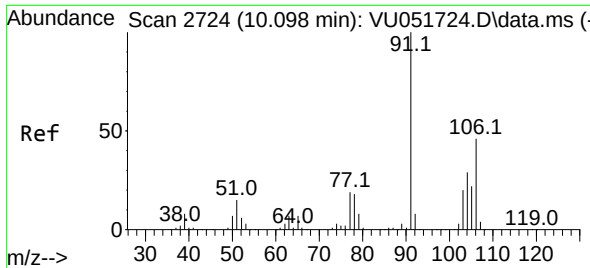
Tgt Ion: 91 Resp: 13503
Ion Ratio Lower Upper
91 100
106 35.1 21.8 40.6



#53
m,p-Xylene
Concen: 0.578 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU051735.D
Acq: 03 Nov 2022 15:50

Tgt Ion: 106 Resp: 17843
Ion Ratio Lower Upper
106 100
91 191.9 139.4 259.0

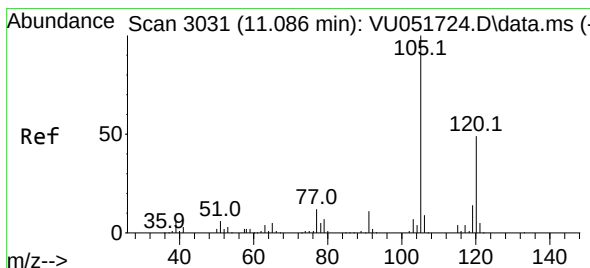
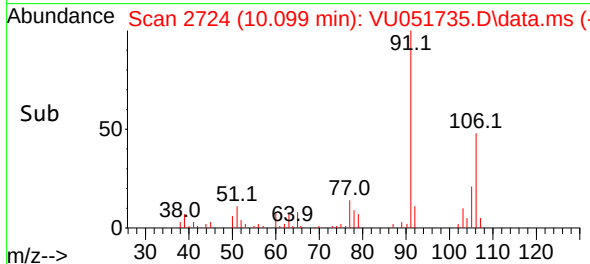
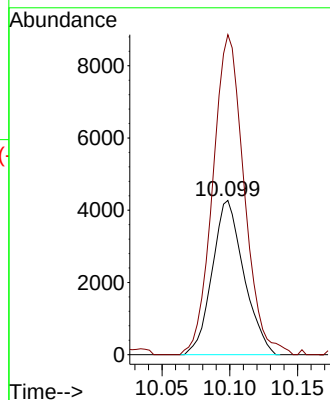
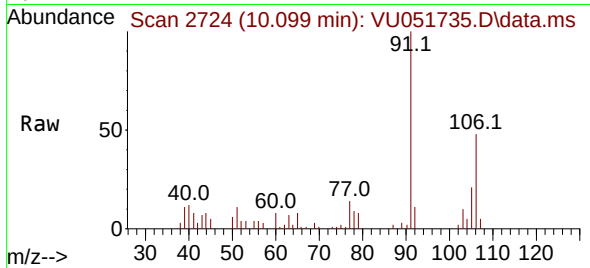




#54
o-Xylene
Concen: 0.230 ug/L
RT: 10.099 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051735.D
Acq: 03 Nov 2022 15:50

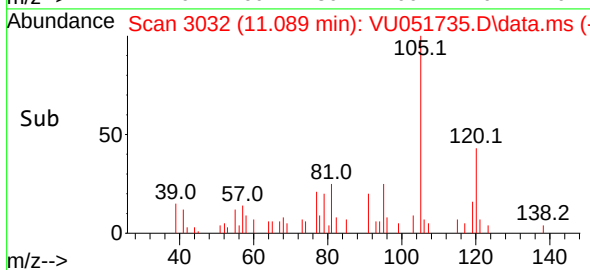
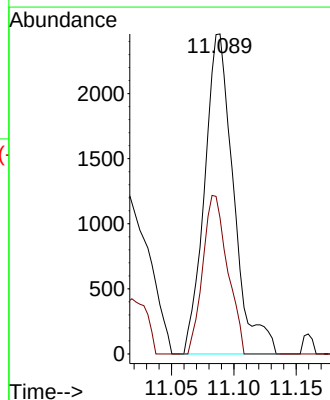
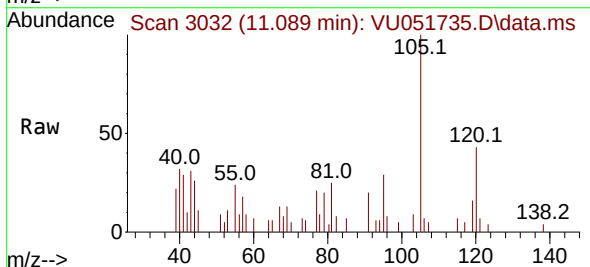
Instrument :
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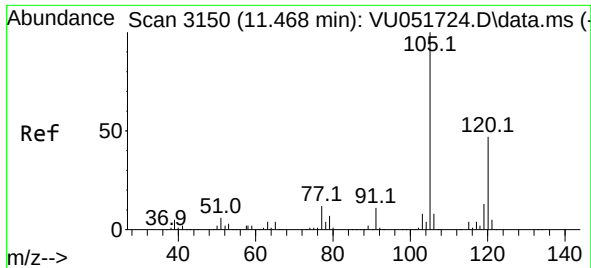
Tgt Ion:106 Resp: 6943
Ion Ratio Lower Upper
106 100
91 207.6 149.2 277.2



#62
1,3,5-Trimethylbenzene
Concen: 0.176 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.003 min
Lab File: VU051735.D
Acq: 03 Nov 2022 15:50

Tgt Ion:105 Resp: 3984
Ion Ratio Lower Upper
105 100
120 42.2 38.6 57.8





#63
 1,2,4-Trimethylbenzene
 Concen: 0.175 ug/L
 RT: 11.465 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU051735.D
 Acq: 03 Nov 2022 15:50

Instrument :
 MSVOA_U
 ClientSampleId :
 EW4Y1

Tgt Ion:105 Resp: 11408
 Ion Ratio Lower Upper
 105 100
 120 43.5 35.8 53.6

