

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
 Data File : VU060046.D
 Acq On : 19 Jul 2024 09:07
 Operator : MD/SY
 Sample : P3237-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 20 00:55:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 19 02:49:52 2024
 Response via : Initial Calibration

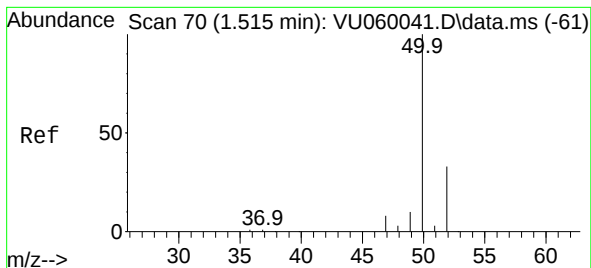
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	153831	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	154195	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	73171	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	39630	3.703	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.000%
7) Chloroethane-d5	1.910	69	39080	3.930	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.600%
11) 1,1-Dichloroethene-d2	2.560	65	16520	3.953	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.000%
20) 2-Butanone-d5	4.627	46	112560	44.983	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.960%
24) Chloroform-d	5.055	84	89897	3.996	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
26) 1,2-Dichloroethane-d4	5.698	65	45080	4.304	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
32) Benzene-d6	5.721	84	182787	4.424	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.685	67	57484	4.367	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.400%
41) Toluene-d8	7.894	98	153746	4.119	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
43) trans-1,3-Dichloroprop...	8.177	79	17806	3.974	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.627	63	87485	43.995	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.980%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	50620	4.320	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	63485	4.807	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	1577	0.112	ug/L	90
13) Acetone	2.451	43	720886	435.510	ug/L	38
15) Methyl Acetate	2.843	43	4686937	1151.254	ug/L #	45
16) Methylene chloride	3.036	84	2520	0.175	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	2797	0.204	ug/L	94
35) Methylcyclohexane	6.682	83	13332	0.753	ug/L #	21
37) 1,2-Dichloropropane	6.682	63	5448	0.396	ug/L #	88
42) Toluene	7.965	91	8760	0.162	ug/L	99
61) 1,2,3-Trichloropropane	11.807	75	8355	1.083	ug/L #	64
63) 1,2,4-Trimethylbenzene	11.466	105	5839	0.165	ug/L	96
71) Naphthalene	14.093	128	4918	0.235	ug/L	96

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

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#3

Chloromethane

Concen: 0.112 ug/L

RT: 1.515 min Scan# 70

Delta R.T. -0.000 min

Lab File: VU060046.D

Acq: 19 Jul 2024 09:07

Instrument :

MSVOA_U

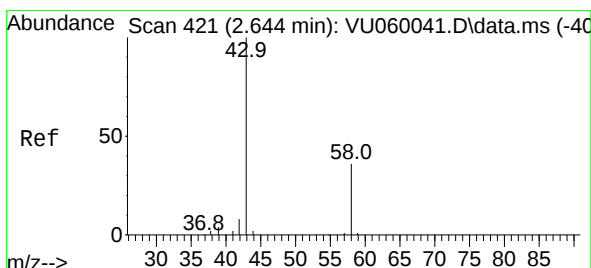
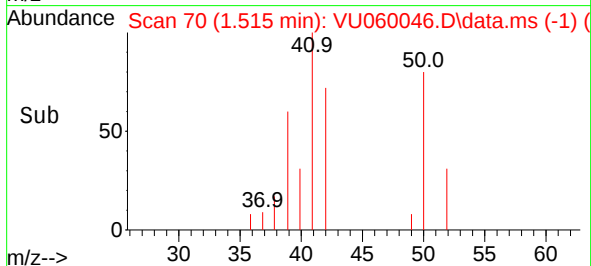
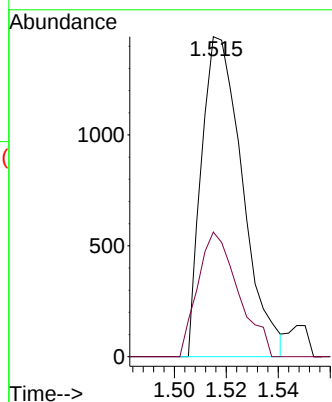
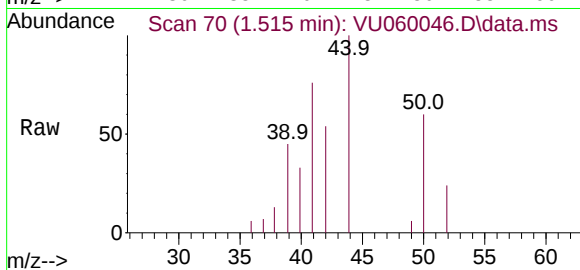
ClientSampleId :

Tgt Ion: 50 Resp: 1577

Ion Ratio Lower Upper

50 100

52 38.9 23.4 43.4



#13

Acetone

Concen: 435.510 ug/L

RT: 2.451 min Scan# 361

Delta R.T. -0.193 min

Lab File: VU060046.D

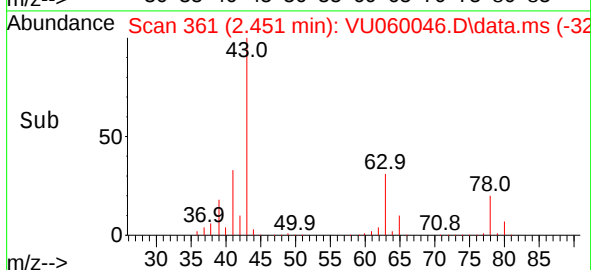
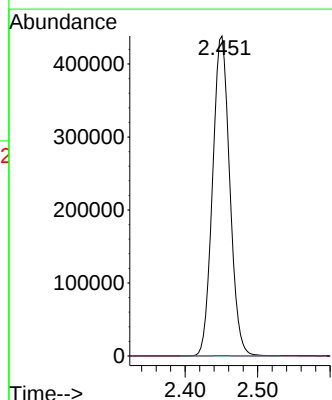
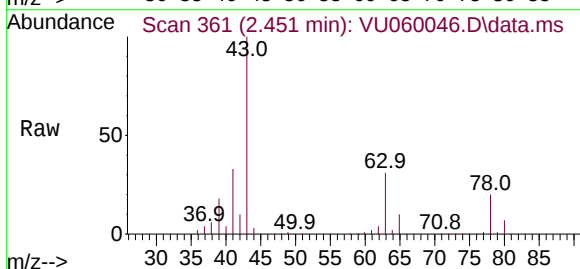
Acq: 19 Jul 2024 09:07

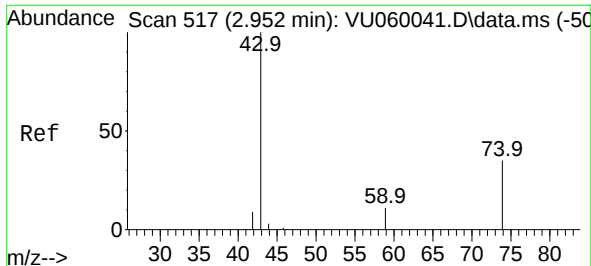
Tgt Ion: 43 Resp: 720886

Ion Ratio Lower Upper

43 100

58 2.1 0.0 82.2





#15

Methyl Acetate

Concen: 1151.254 ug/L

RT: 2.843 min Scan# 41

Delta R.T. -0.110 min

Lab File: VU060046.D

Acq: 19 Jul 2024 09:07

Instrument :

MSVOA_U

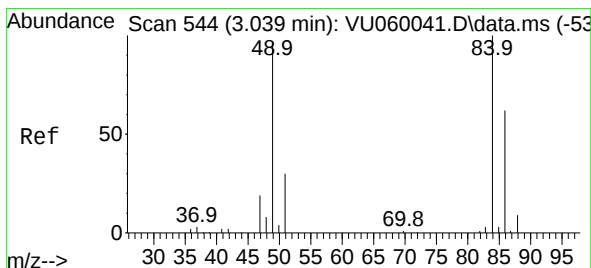
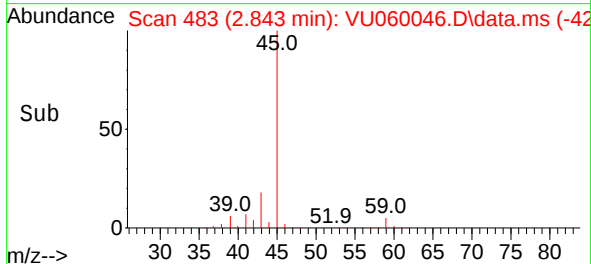
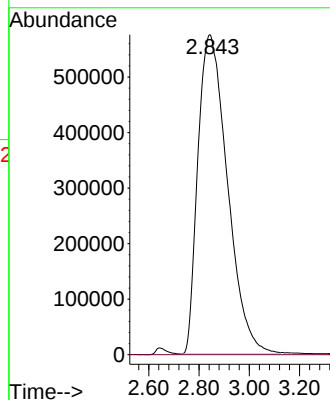
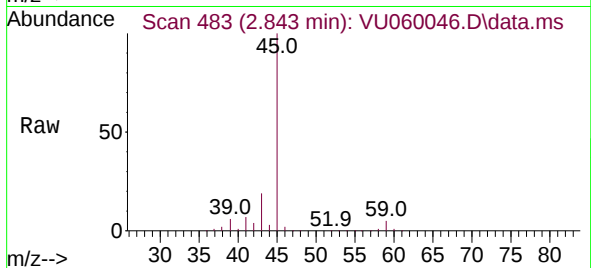
ClientSampleId :

Tgt Ion: 43 Resp: 4686937

Ion Ratio Lower Upper

43 100

74 0.0 23.5 35.3#



#16

Methylene chloride

Concen: 0.175 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.003 min

Lab File: VU060046.D

Acq: 19 Jul 2024 09:07

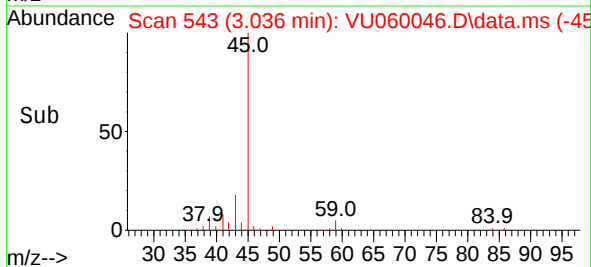
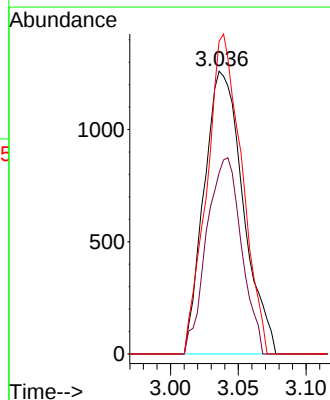
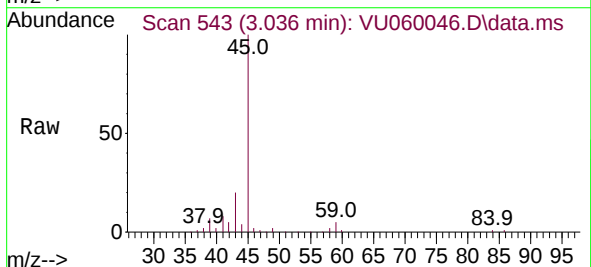
Tgt Ion: 84 Resp: 2520

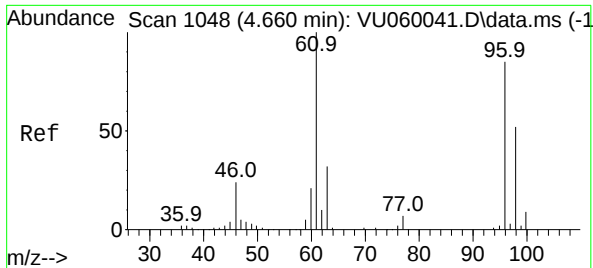
Ion Ratio Lower Upper

84 100

86 64.0 44.4 82.5

49 110.6 72.0 133.6

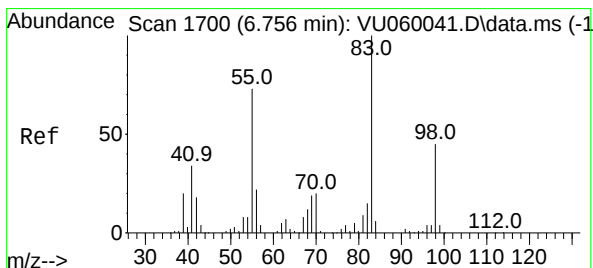
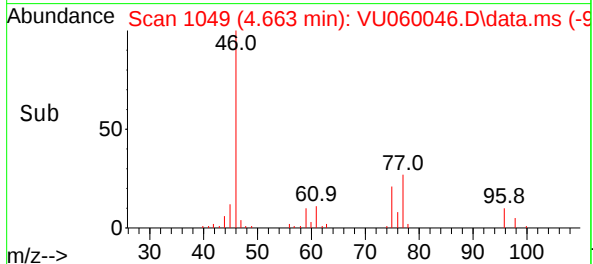
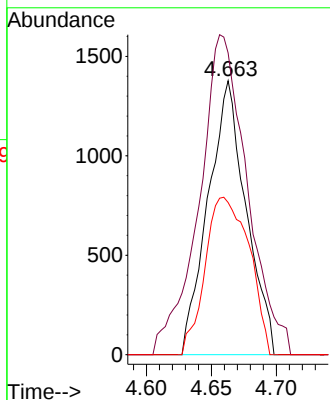
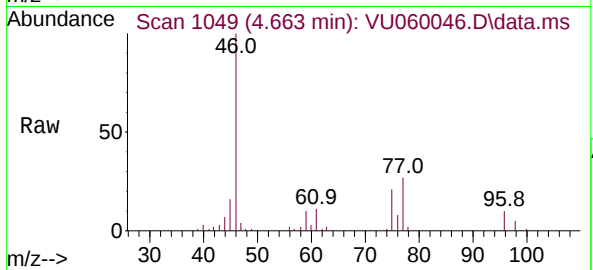




#22
 cis-1,2-Dichloroethene
 Concen: 0.204 ug/L
 RT: 4.663 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU060046.D
 Acq: 19 Jul 2024 09:07

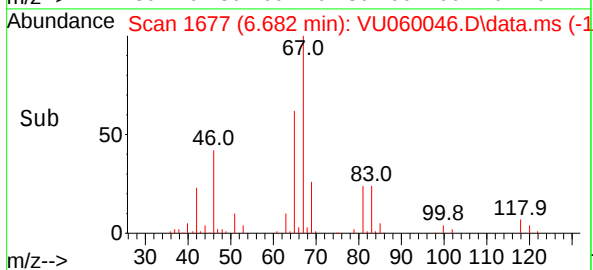
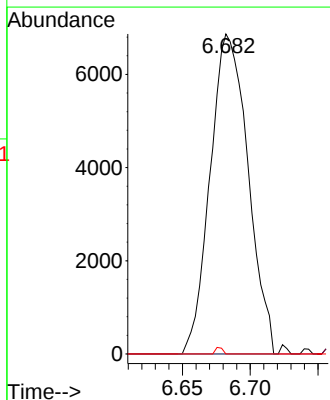
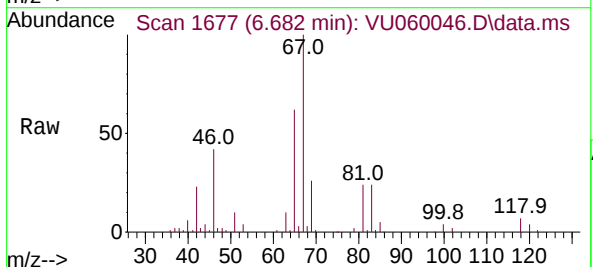
Instrument :
 MSVOA_U
 ClientSampleId :

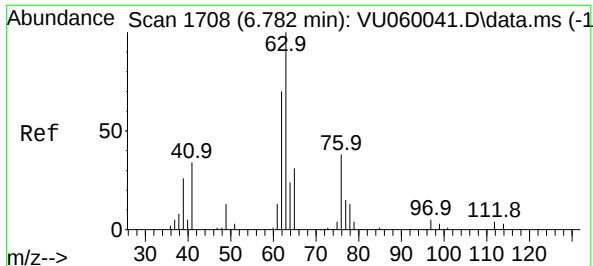
Tgt Ion: 96 Resp: 2797
 Ion Ratio Lower Upper
 96 100
 61 110.2 80.2 148.9
 98 55.6 44.7 83.1



#35
 Methylcyclohexane
 Concen: 0.753 ug/L
 RT: 6.682 min Scan# 1677
 Delta R.T. -0.074 min
 Lab File: VU060046.D
 Acq: 19 Jul 2024 09:07

Tgt Ion: 83 Resp: 13332
 Ion Ratio Lower Upper
 83 100
 55 0.2 56.7 85.1#
 98 0.4 36.6 55.0#

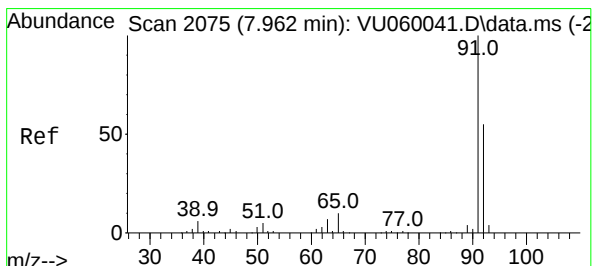
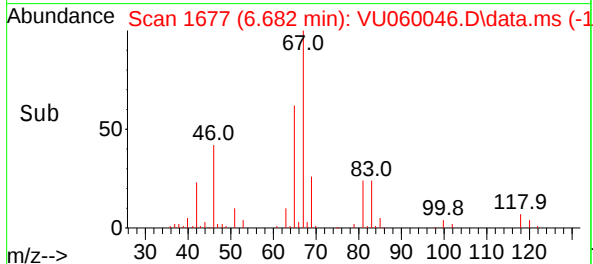
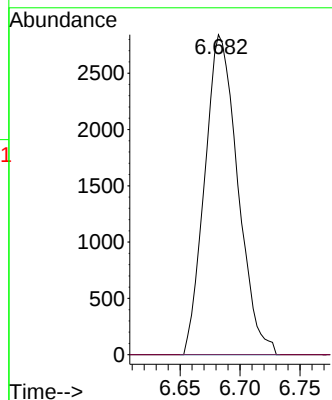
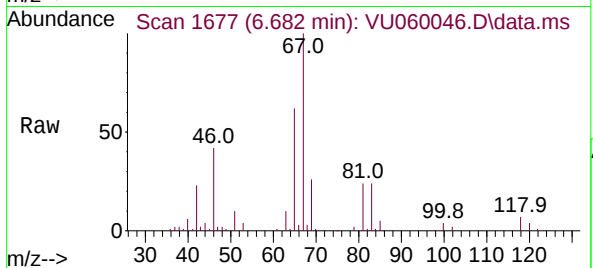




#37
1,2-Dichloropropane
Concen: 0.396 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU060046.D
Acq: 19 Jul 2024 09:07

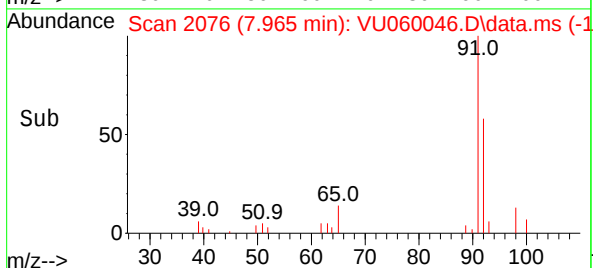
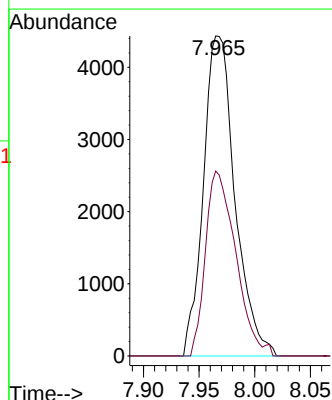
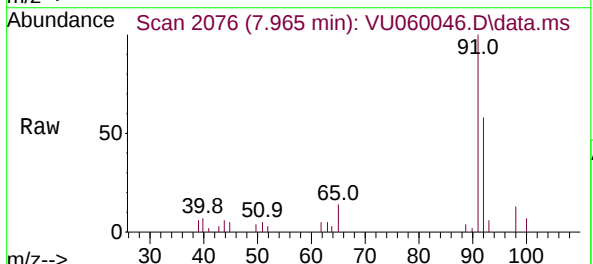
Instrument :
MSVOA_U
ClientSampleId :

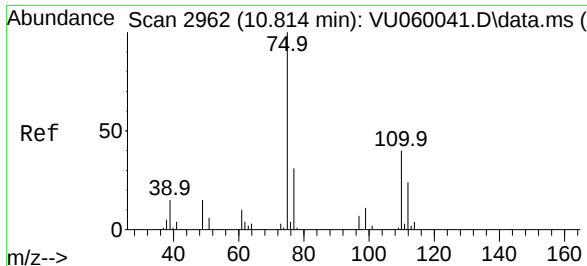
Tgt Ion: 63 Resp: 5448
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#42
Toluene
Concen: 0.162 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU060046.D
Acq: 19 Jul 2024 09:07

Tgt Ion: 91 Resp: 8760
Ion Ratio Lower Upper
91 100
92 57.8 39.8 73.8





#61

1,2,3-Trichloropropane

Concen: 1.083 ug/L

RT: 11.807 min Scan# 3165

Delta R.T. 0.993 min

Lab File: VU060046.D

Acq: 19 Jul 2024 09:07

Instrument :

MSVOA_U

ClientSampleId :

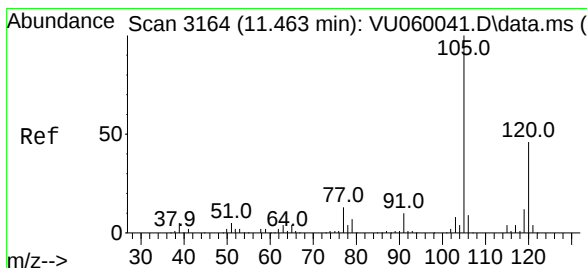
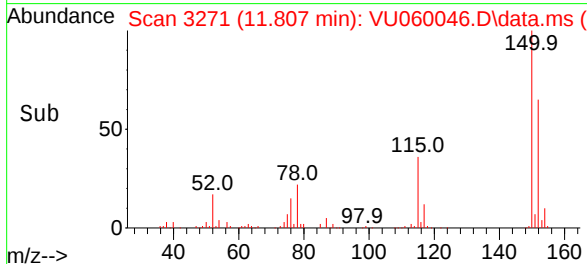
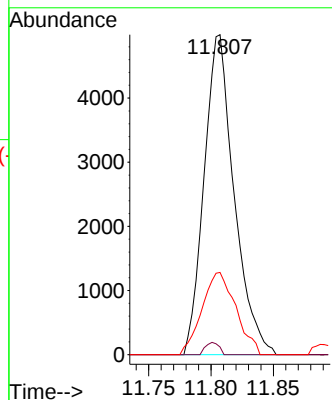
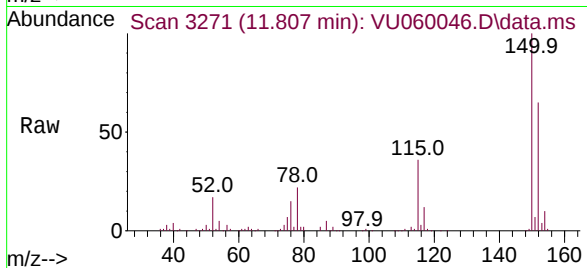
Tgt Ion: 75 Resp: 8355

Ion Ratio Lower Upper

75 100

110 1.7 30.8 46.2#

77 29.0 26.2 39.2



#63

1,2,4-Trimethylbenzene

Concen: 0.165 ug/L

RT: 11.466 min Scan# 3165

Delta R.T. 0.003 min

Lab File: VU060046.D

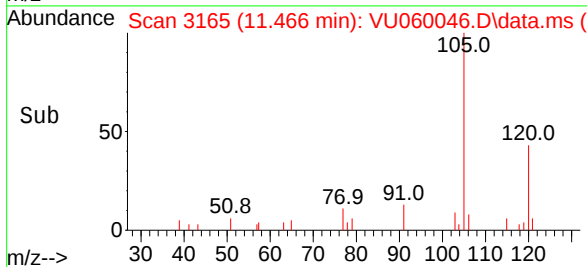
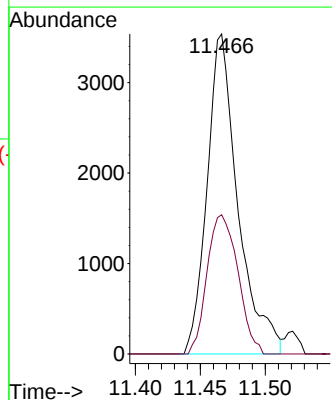
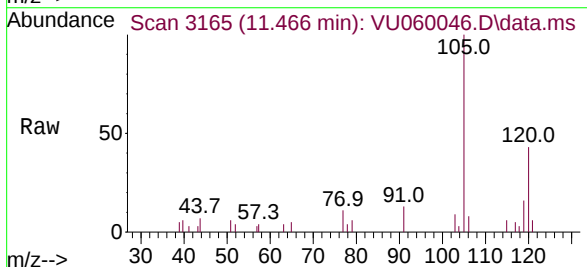
Acq: 19 Jul 2024 09:07

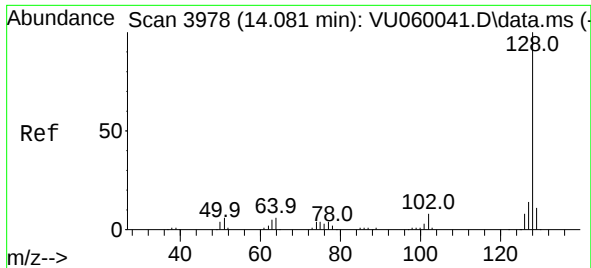
Tgt Ion:105 Resp: 5839

Ion Ratio Lower Upper

105 100

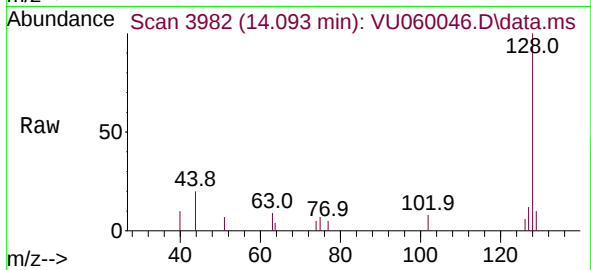
120 43.4 36.7 55.1





#71
Naphthalene
Concen: 0.235 ug/L
RT: 14.093 min Scan# 3982
Delta R.T. 0.013 min
Lab File: VU060046.D
Acq: 19 Jul 2024 09:07

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 4918
Ion Ratio Lower Upper
128 100
129 8.5 8.2 12.4
127 12.0 10.6 16.0

