

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110424\
 Data File : VU061429.D
 Acq On : 05 Nov 2024 00:55
 Operator : MD/SY
 Sample : P4691-02
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CQ1

Quant Time: Nov 05 04:52:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 05 04:38:45 2024
 Response via : Initial Calibration

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

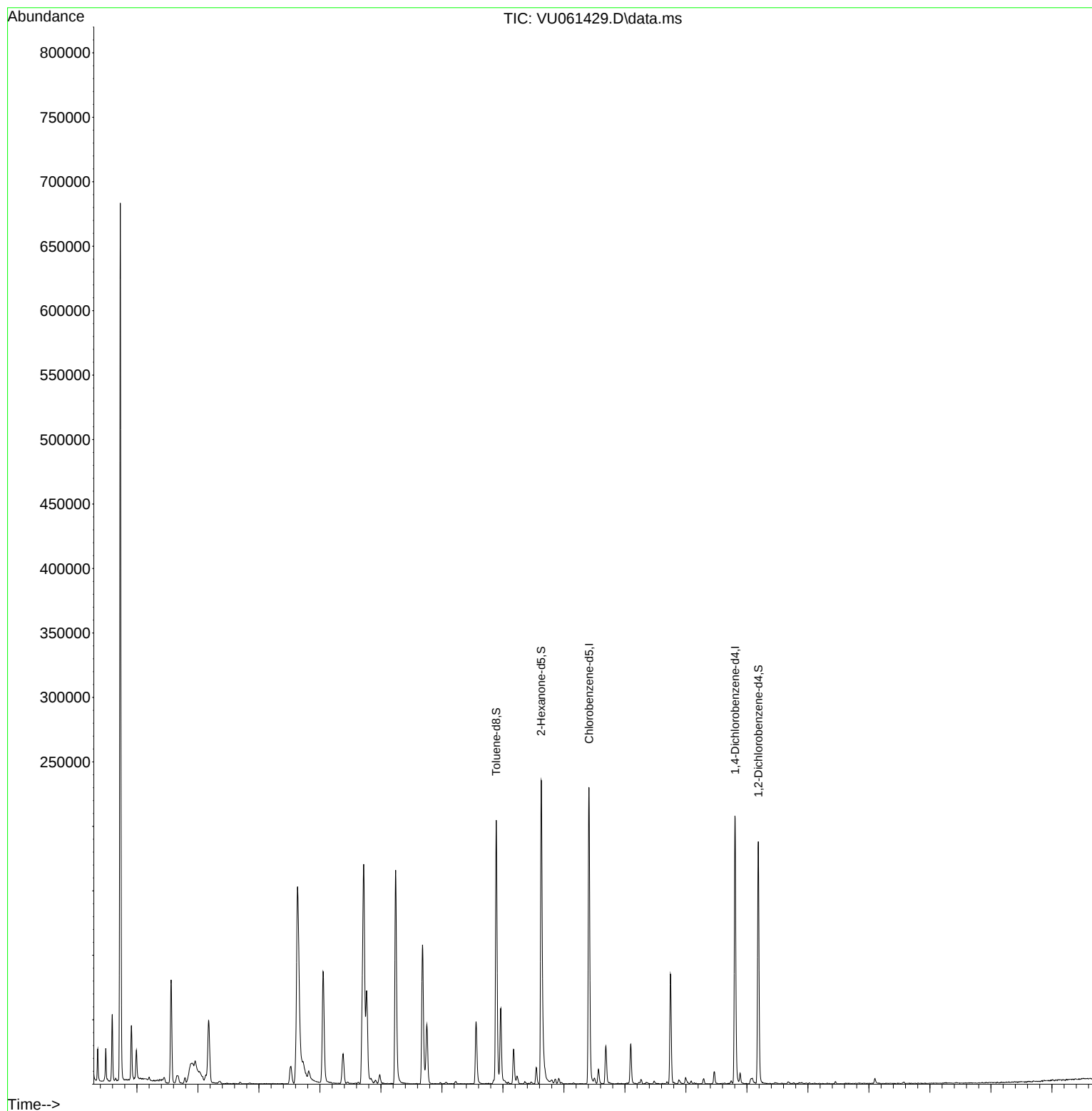
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	144399	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	133738	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	58181	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	30450	3.104	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.000%
7) Chloroethane-d5	1.911	69	31392	3.491	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.800%
11) 1,1-Dichloroethene-d2	2.560	65	14963	3.565	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.400%
20) 2-Butanone-d5	4.634	46	107837	54.148	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.300%
24) Chloroform-d	5.052	84	83178	4.467	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.692	65	43559	4.694	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.718	84	164210	4.358	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.682	67	53184	4.694	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.891	98	145184	4.120	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
43) trans-1,3-Dichloroprop...	8.174	79	16308	3.526	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.600%
46) 2-Hexanone-d5	8.627	63	88337	46.637	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.280%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	42085	4.912	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	50537	4.905	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds	Qvalue					
13) Acetone	2.657	43	10241	8.119	ug/L	98
14) Carbon disulfide	2.788	76	5892	0.207	ug/L #	95
15) Methyl Acetate	2.956	43	7877	2.522	ug/L	100
21) 2-Butanone	4.727	43	13504	6.753	ug/L	98
30) Cyclohexane	5.380	56	11088	0.675	ug/L	96
33) Benzene	5.766	78	71426	1.727	ug/L	100
35) Methylcyclohexane	6.753	83	19664	1.098	ug/L	98
42) Toluene	7.965	91	45276	1.008	ug/L	100
52) Ethylbenzene	9.566	91	8924	0.181	ug/L	98
53) m,p-Xylene	9.688	106	8344	0.443	ug/L	99
54) o-Xylene	10.097	106	8837	0.476	ug/L	95
63) 1,2,4-Trimethylbenzene	11.467	105	6218	0.174	ug/L	99

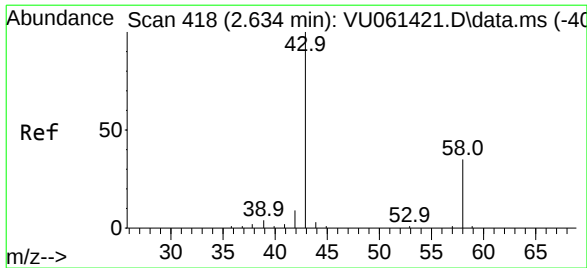
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.119 ug/L

RT: 2.657 min Scan# 42

Delta R.T. 0.022 min

Lab File: VU061429.D

Acq: 05 Nov 2024 00:55

Instrument :

MSVOA_U

ClientSampleId :

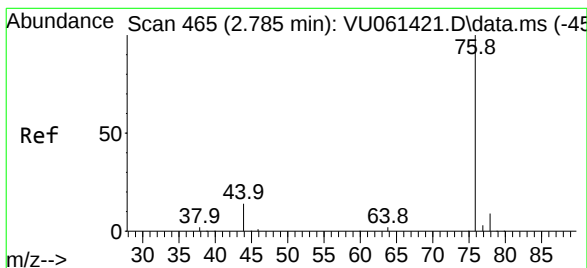
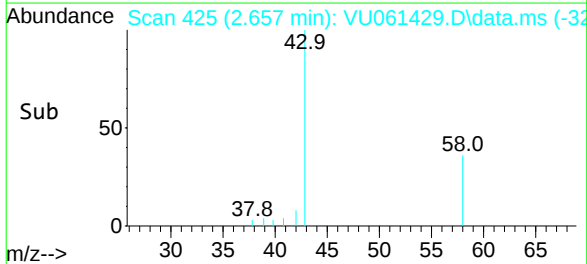
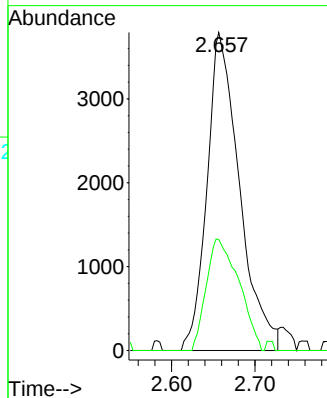
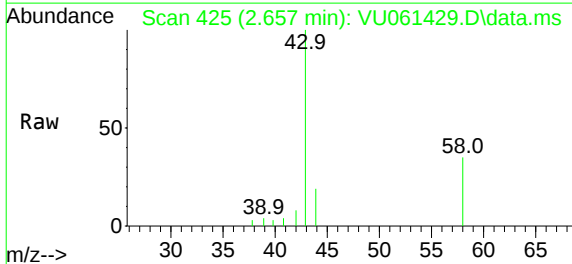
C0CQ1

Tgt Ion: 43 Resp: 10241

Ion Ratio Lower Upper

43 100

58 35.3 0.0 73.2



#14

Carbon disulfide

Concen: 0.207 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU061429.D

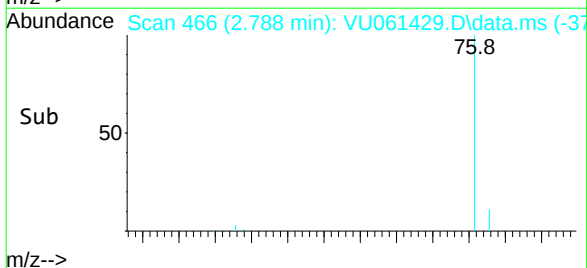
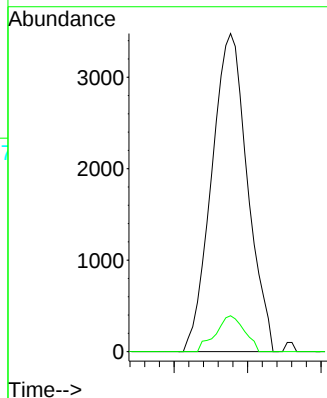
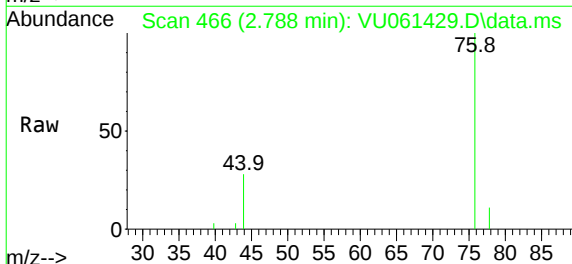
Acq: 05 Nov 2024 00:55

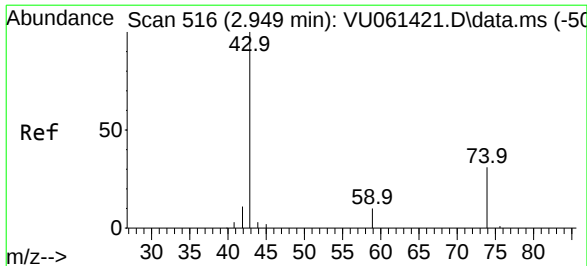
Tgt Ion: 76 Resp: 5892

Ion Ratio Lower Upper

76 100

78 11.3 7.4 11.2#





#15

Methyl Acetate

Concen: 2.522 ug/L

RT: 2.956 min Scan# 51

Delta R.T. 0.006 min

Lab File: VU061429.D

Acq: 05 Nov 2024 00:55

Instrument :

MSVOA_U

ClientSampleId :

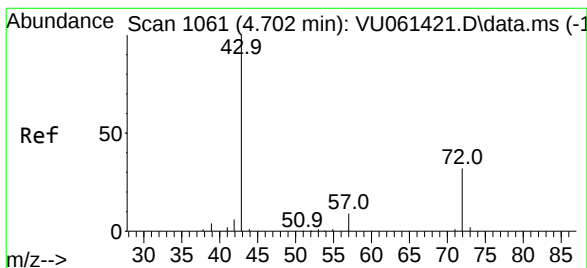
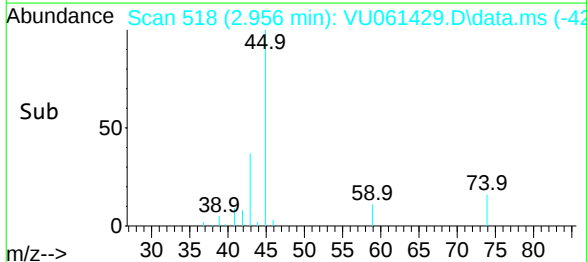
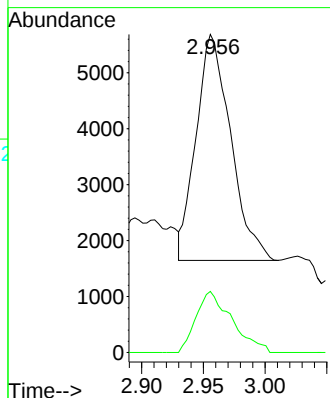
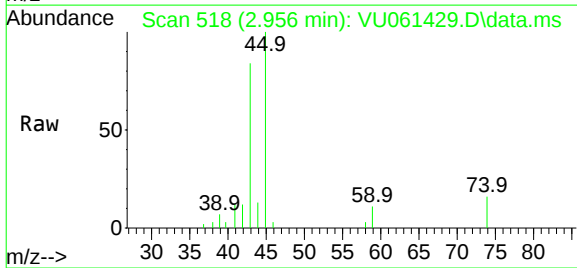
C0CQ1

Tgt Ion: 43 Resp: 7877

Ion Ratio Lower Upper

43 100

74 28.0 22.2 33.4



#21

2-Butanone

Concen: 6.753 ug/L

RT: 4.727 min Scan# 1069

Delta R.T. 0.026 min

Lab File: VU061429.D

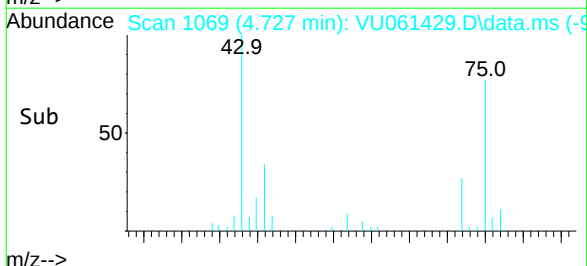
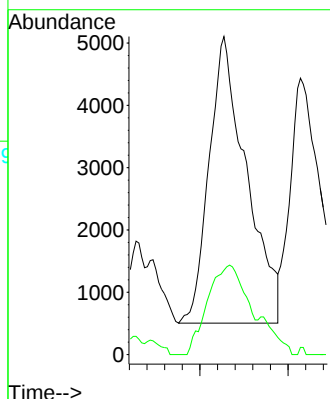
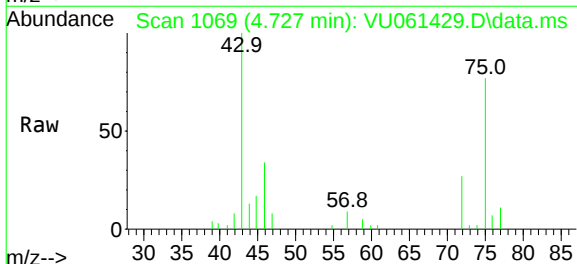
Acq: 05 Nov 2024 00:55

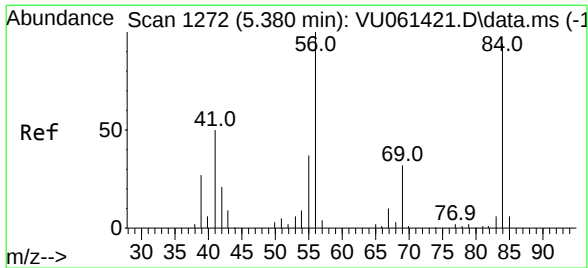
Tgt Ion: 43 Resp: 13504

Ion Ratio Lower Upper

43 100

72 32.6 15.9 47.6

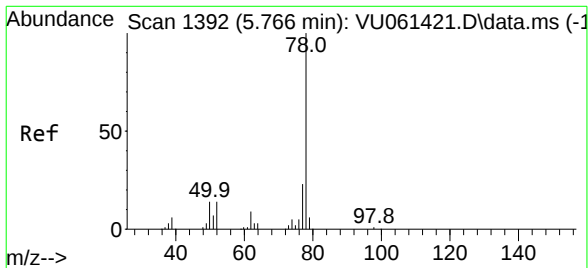
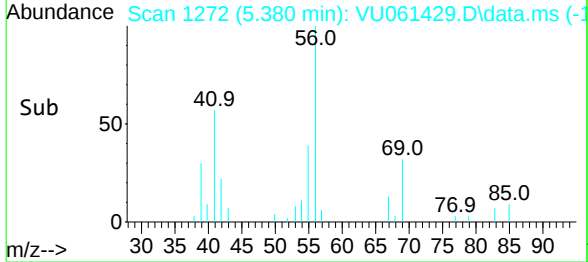
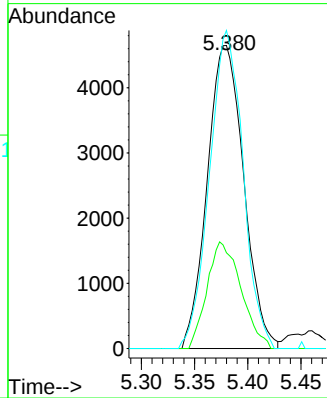
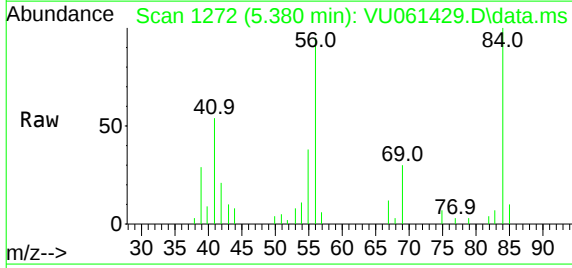




#30
Cyclohexane
Concen: 0.675 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU061429.D
Acq: 05 Nov 2024 00:55

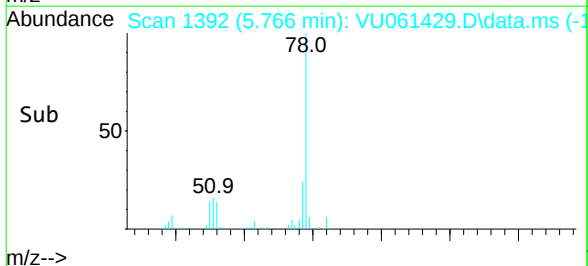
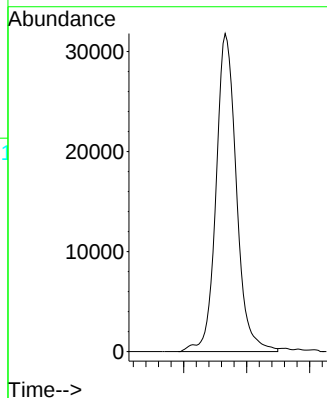
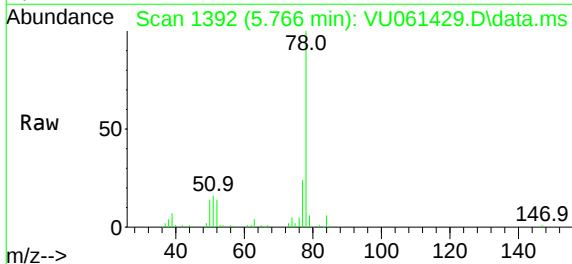
Instrument :
MSVOA_U
ClientSampleId :
C0CQ1

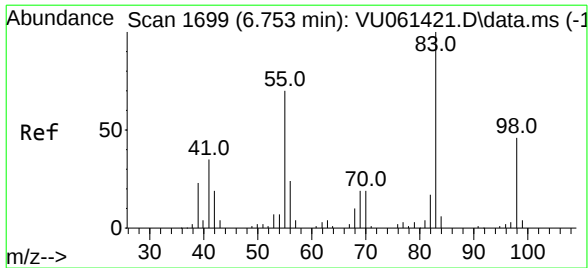
Tgt Ion: 56	Resp: 11088
Ion Ratio	Lower Upper
56	100
69	32.7 25.8 38.6
84	96.6 73.9 110.9



#33
Benzene
Concen: 1.727 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU061429.D
Acq: 05 Nov 2024 00:55

Tgt Ion: 78 Resp: 71426

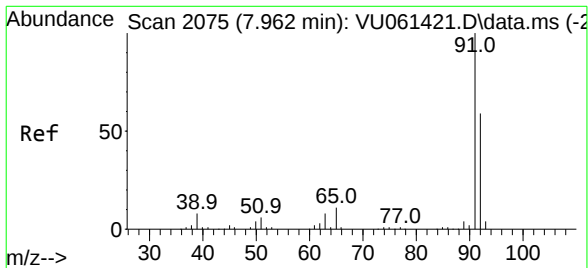
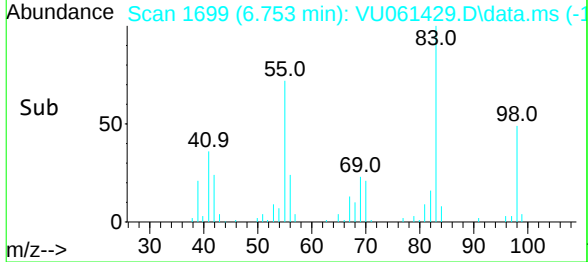
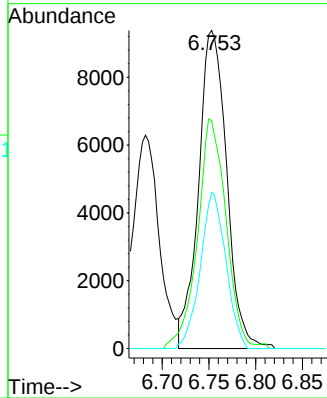
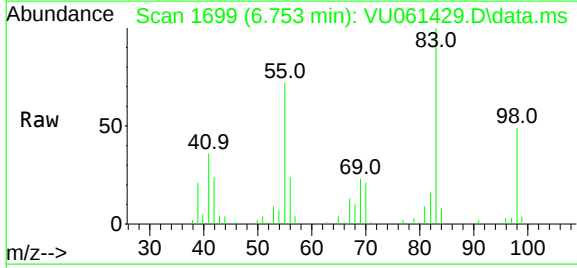




#35
Methylcyclohexane
Concen: 1.098 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU061429.D
Acq: 05 Nov 2024 00:55

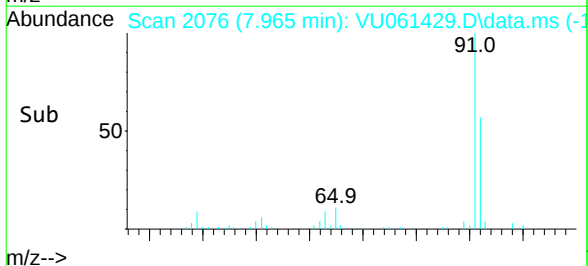
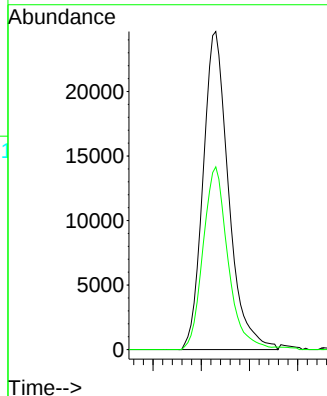
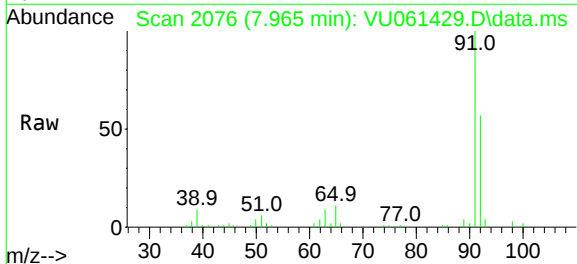
Instrument :
MSVOA_U
ClientSampleId :
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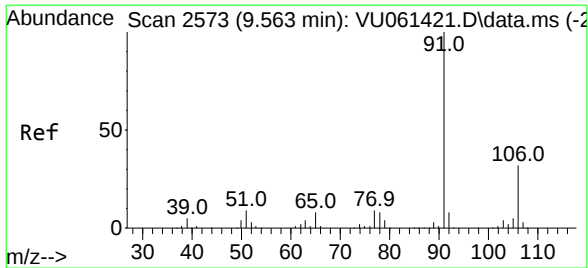
Tgt Ion:	83	Resp:	19664
Ion	Ratio	Lower	Upper
83	100		
55	72.6	55.9	83.9
98	44.5	35.9	53.9



#42
Toluene
Concen: 1.008 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU061429.D
Acq: 05 Nov 2024 00:55

Tgt Ion:	91	Resp:	45276
Ion	Ratio	Lower	Upper
91	100		
92	57.5	40.3	74.8

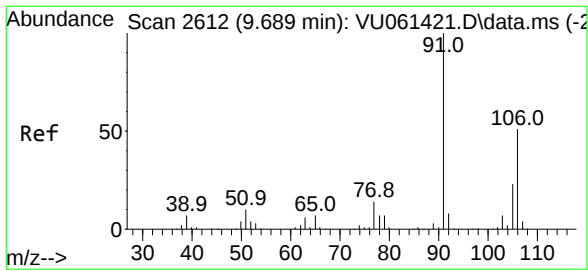
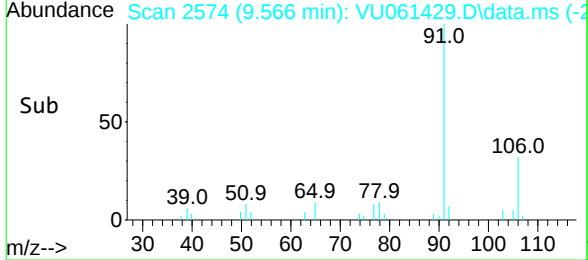
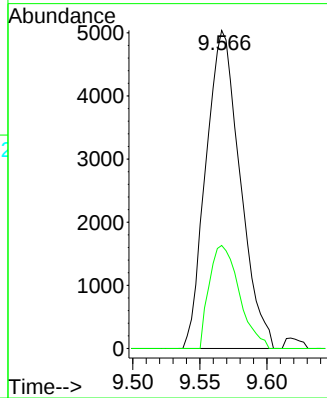
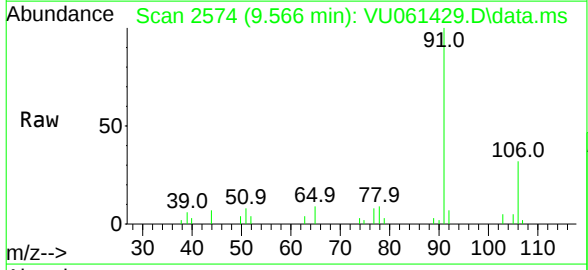




#52
Ethylbenzene
Concen: 0.181 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.003 min
Lab File: VU061429.D
Acq: 05 Nov 2024 00:55

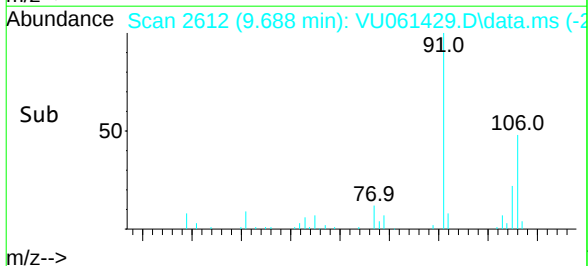
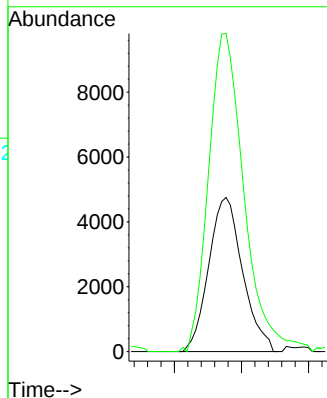
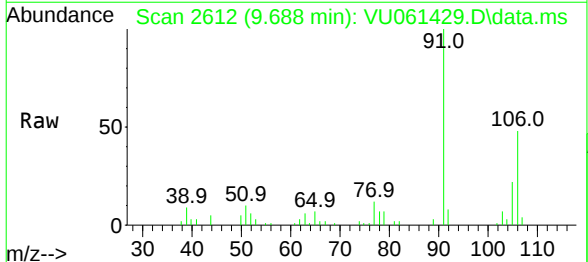
Instrument :
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ClientSampleId :
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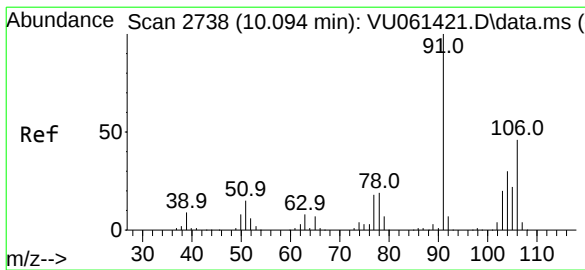
Tgt Ion: 91 Resp: 8924
Ion Ratio Lower Upper
91 100
106 32.4 22.0 41.0



#53
m,p-Xylene
Concen: 0.443 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU061429.D
Acq: 05 Nov 2024 00:55

Tgt Ion: 106 Resp: 8344
Ion Ratio Lower Upper
106 100
91 206.3 145.7 270.7





#54

o-Xylene

Concen: 0.476 ug/L

RT: 10.097 min Scan# 2738

Delta R.T. 0.003 min

Lab File: VU061429.D

Acq: 05 Nov 2024 00:55

Instrument :

MSVOA_U

ClientSampleId :

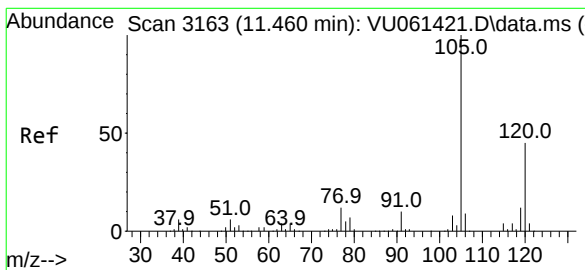
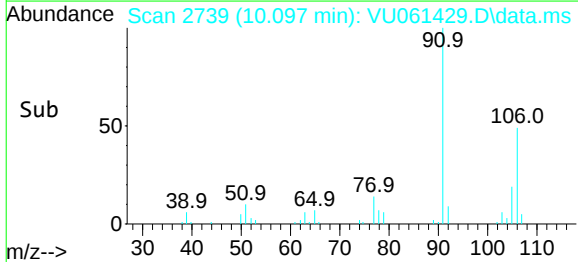
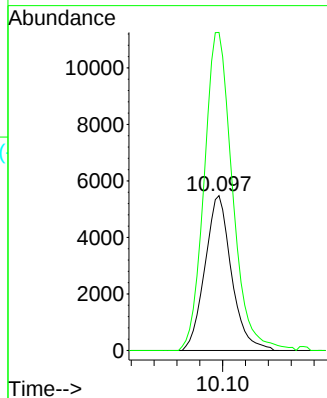
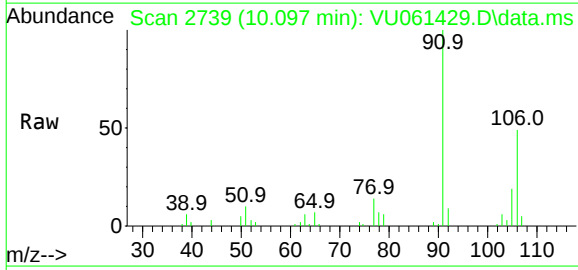
C0CQ1

Tgt Ion:106 Resp: 8837

Ion Ratio Lower Upper

106 100

91 205.4 148.8 276.4



#63

1,2,4-Trimethylbenzene

Concen: 0.174 ug/L

RT: 11.467 min Scan# 3165

Delta R.T. 0.006 min

Lab File: VU061429.D

Acq: 05 Nov 2024 00:55

Tgt Ion:105 Resp: 6218

Ion Ratio Lower Upper

105 100

120 43.3 35.4 53.0

