

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110424\
 Data File : VU061413.D
 Acq On : 04 Nov 2024 17:23
 Operator : MD/SY
 Sample : P4690-13
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CG4

Quant Time: Nov 05 00:51:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 01 00:44:02 2024
 Response via : Initial Calibration

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

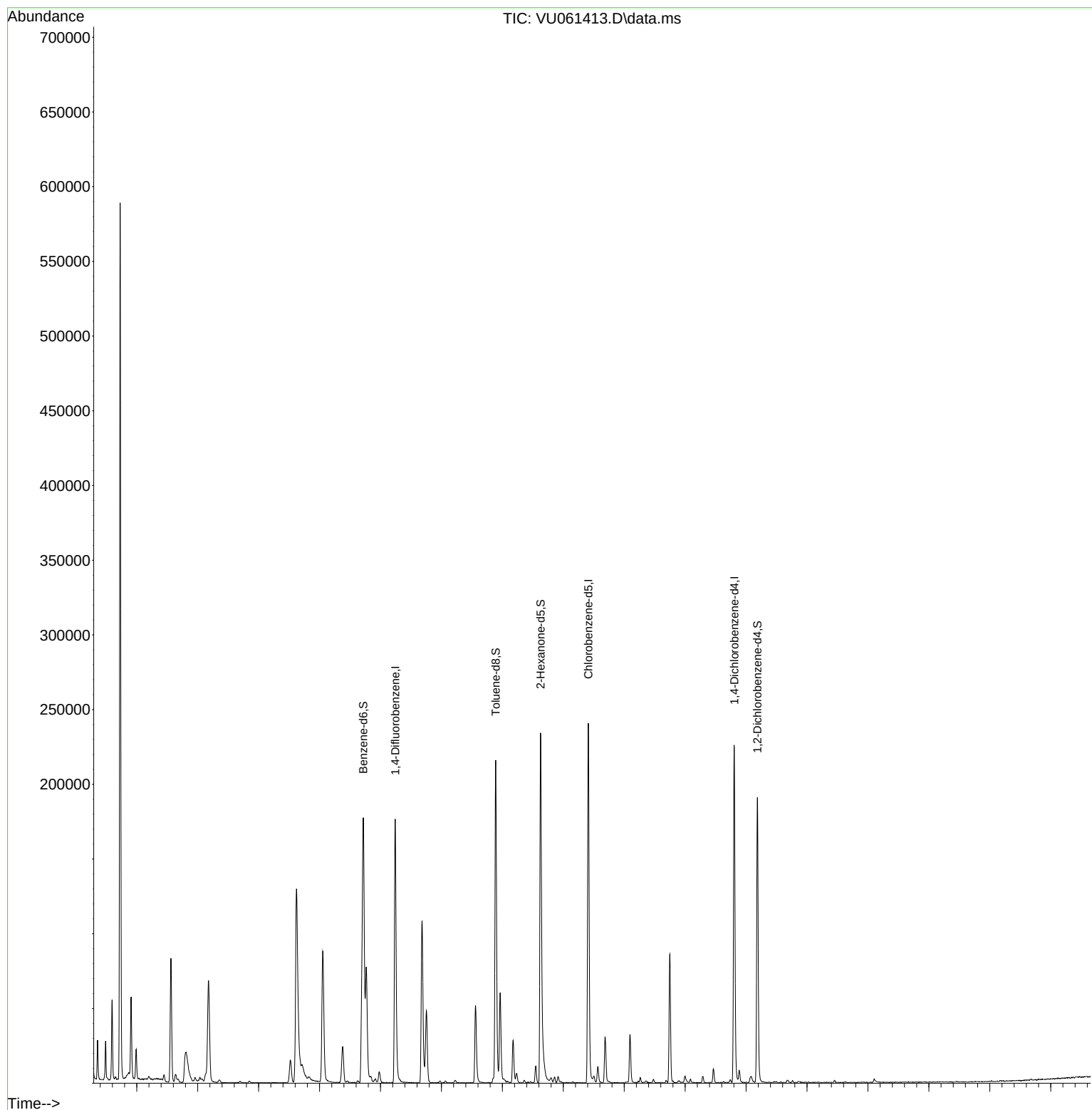
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	152061	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	142781	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	63210	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	32267	3.124	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.400%
7) Chloroethane-d5	1.907	69	36876	3.894	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.800%
11) 1,1-Dichloroethene-d2	2.560	65	15465	3.499	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.000%
20) 2-Butanone-d5	4.621	46	105236	50.179	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.360%
24) Chloroform-d	5.055	84	84632	4.316	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	5.695	65	44915	4.596	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	5.718	84	174110	4.328	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.682	67	53539	4.426	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.600%
41) Toluene-d8	7.891	98	153776	4.088	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	8.177	79	18270	3.700	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.000%
46) 2-Hexanone-d5	8.627	63	87035	43.040	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.080%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	42639	4.662	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	52410	4.682	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds	Qvalue					
13) Acetone	2.637	43	7264	5.469	ug/L	94
14) Carbon disulfide	2.785	76	8581	0.286	ug/L	96
15) Methyl Acetate	2.959	43	4693	1.427	ug/L #	88
21) 2-Butanone	4.718	43	10048	4.772	ug/L	99
30) Cyclohexane	5.380	56	11993	0.684	ug/L	95
33) Benzene	5.769	78	76861	1.741	ug/L	100
35) Methylcyclohexane	6.756	83	20646	1.080	ug/L	97
42) Toluene	7.965	91	47836	0.998	ug/L	98
52) Ethylbenzene	9.566	91	9202	0.174	ug/L	99
53) m,p-Xylene	9.685	106	9433	0.469	ug/L	90
54) o-Xylene	10.097	106	9487	0.478	ug/L	95
63) 1,2,4-Trimethylbenzene	11.467	105	6235	0.160	ug/L	96

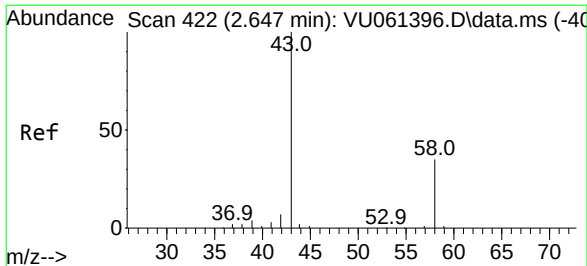
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.469 ug/L

RT: 2.637 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU061413.D

Acq: 04 Nov 2024 17:23

Instrument :

MSVOA_U

ClientSampleId :

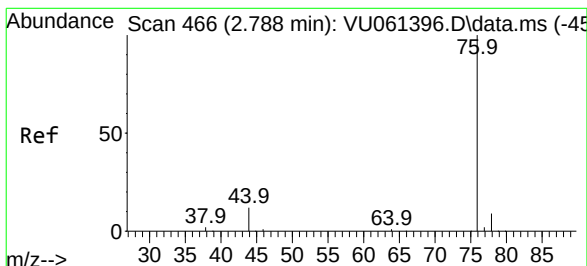
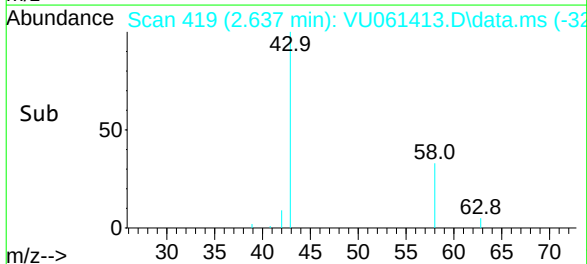
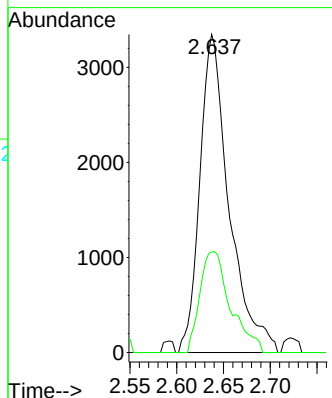
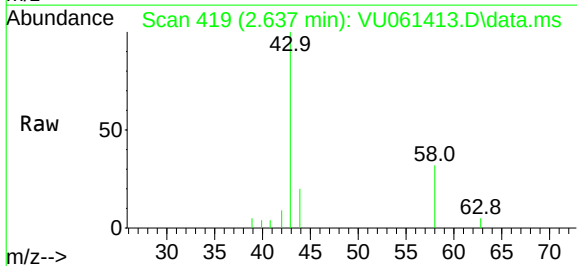
C0CG4

Tgt Ion: 43 Resp: 7264

Ion Ratio Lower Upper

43 100

58 33.2 0.0 73.2



#14

Carbon disulfide

Concen: 0.286 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU061413.D

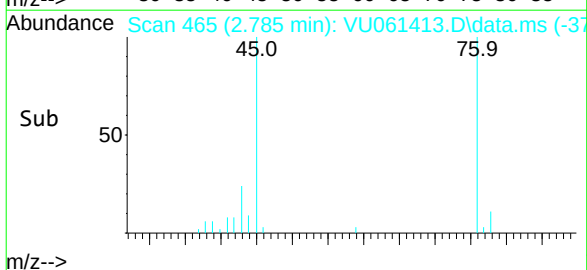
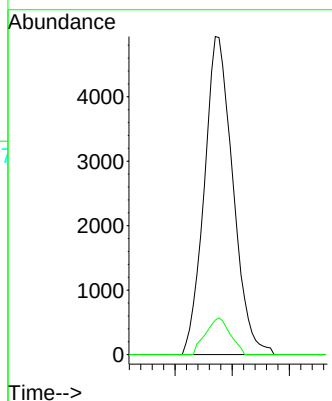
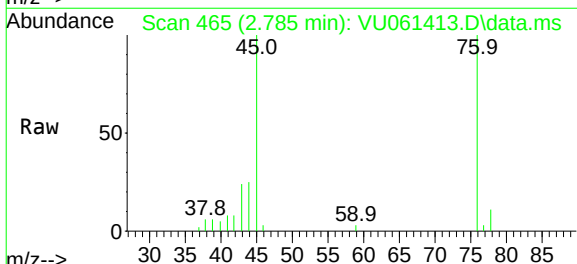
Acq: 04 Nov 2024 17:23

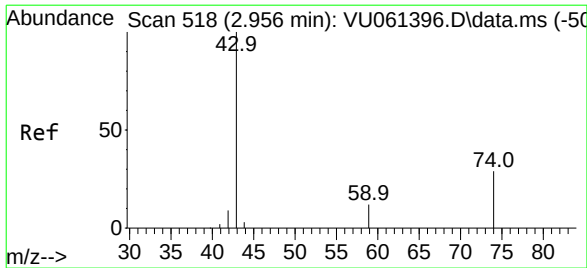
Tgt Ion: 76 Resp: 8581

Ion Ratio Lower Upper

76 100

78 10.9 7.4 11.2

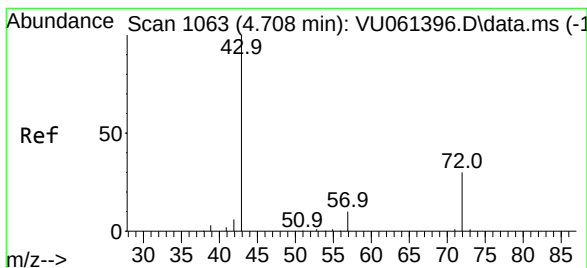
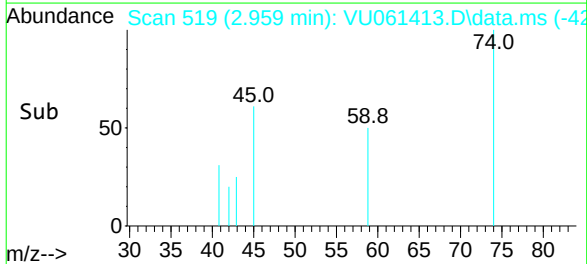
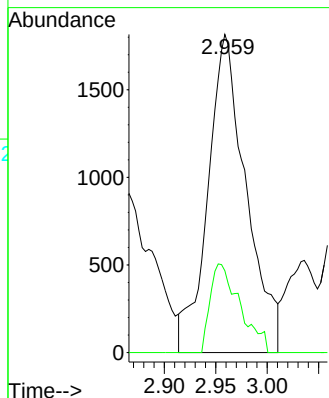
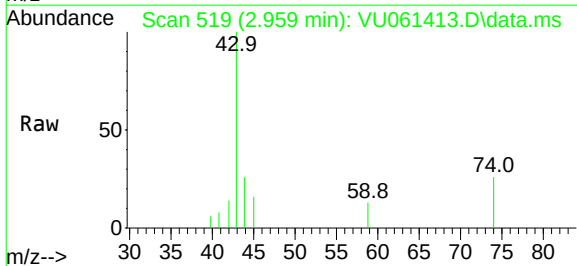




#15
Methyl Acetate
Concen: 1.427 ug/L
RT: 2.959 min Scan# 51
Delta R.T. 0.006 min
Lab File: VU061413.D
Acq: 04 Nov 2024 17:23

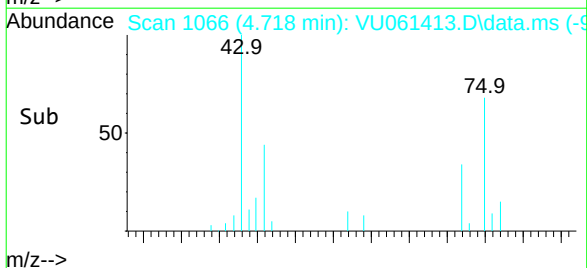
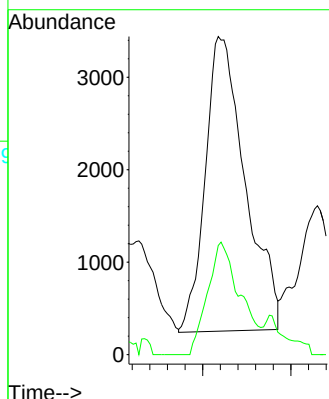
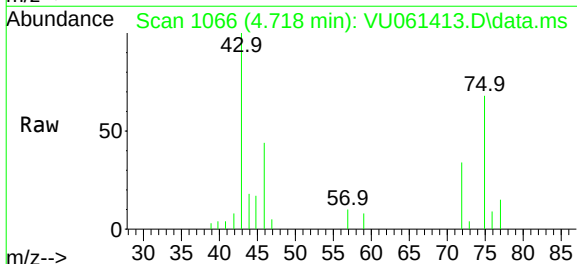
Instrument :
MSVOA_U
ClientSampleId :
C0CG4

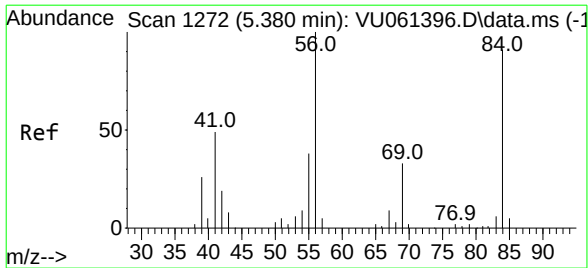
Tgt Ion: 43 Resp: 4693
Ion Ratio Lower Upper
43 100
74 21.7 22.2 33.4#



#21
2-Butanone
Concen: 4.772 ug/L
RT: 4.718 min Scan# 1066
Delta R.T. 0.013 min
Lab File: VU061413.D
Acq: 04 Nov 2024 17:23

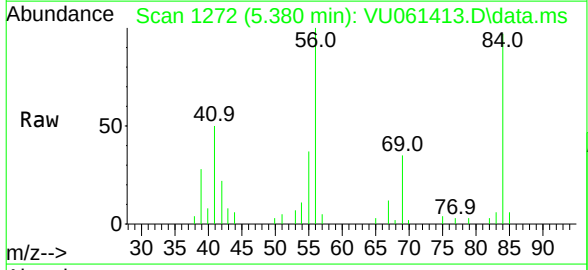
Tgt Ion: 43 Resp: 10048
Ion Ratio Lower Upper
43 100
72 31.3 15.9 47.6



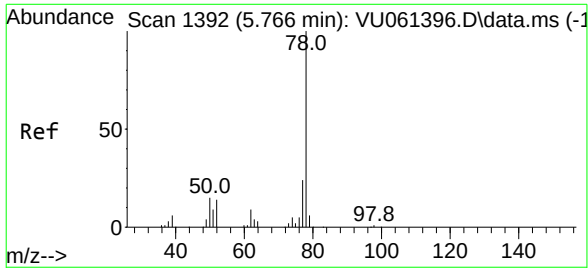
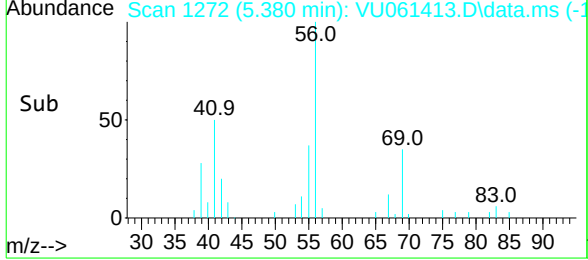
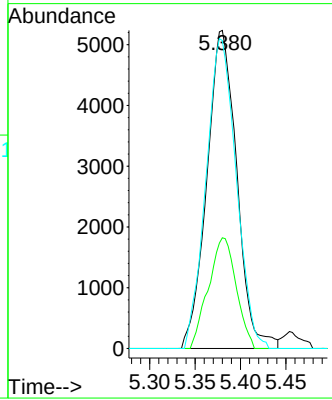


#30
Cyclohexane
Concen: 0.684 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU061413.D
Acq: 04 Nov 2024 17:23

Instrument :
MSVOA_U
ClientSampleId :
C0CG4

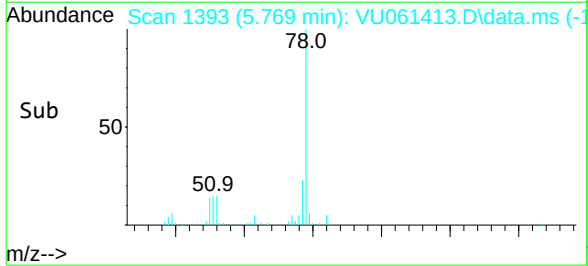
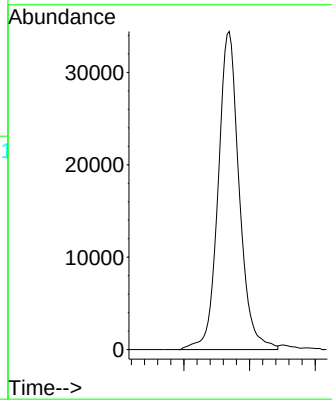
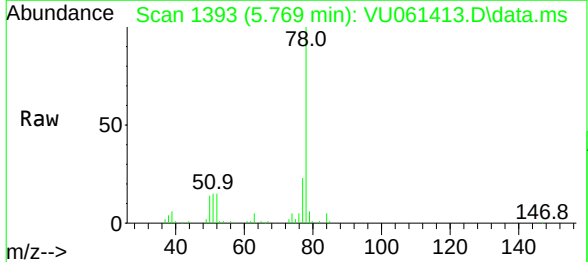


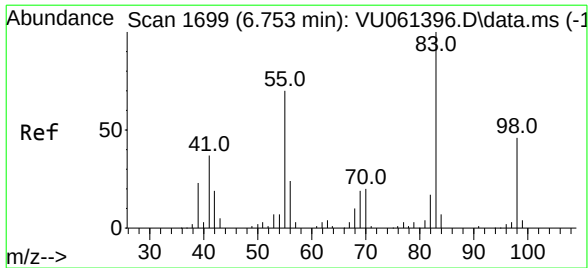
Tgt Ion:	56	Resp:	11993
Ion Ratio	Lower	Upper	
56	100		
69	32.3	25.8	38.6
84	98.3	73.9	110.9



#33
Benzene
Concen: 1.741 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU061413.D
Acq: 04 Nov 2024 17:23

Tgt Ion: 78 Resp: 76861

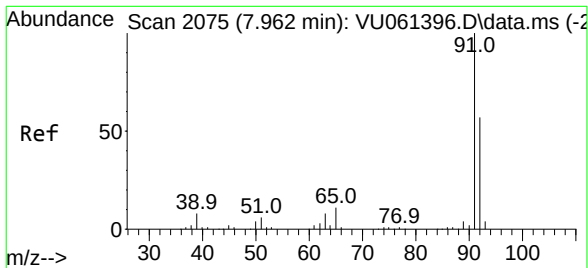
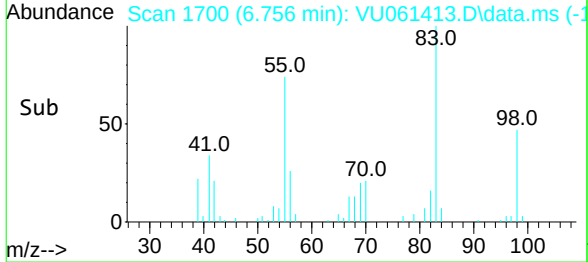
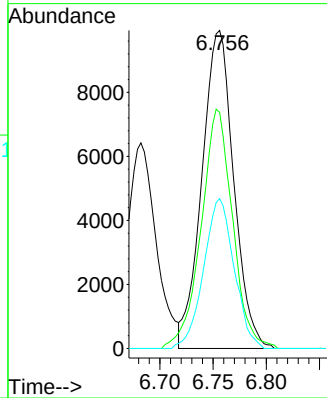
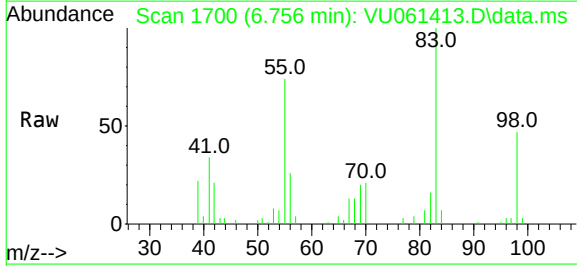




#35
Methylcyclohexane
Concen: 1.080 ug/L
RT: 6.756 min Scan# 17
Delta R.T. 0.003 min
Lab File: VU061413.D
Acq: 04 Nov 2024 17:23

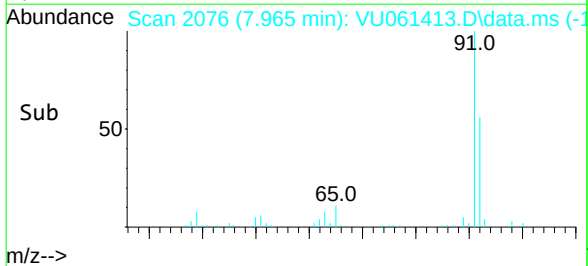
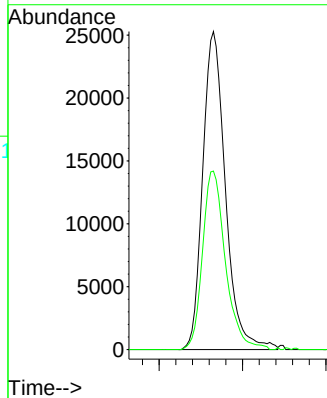
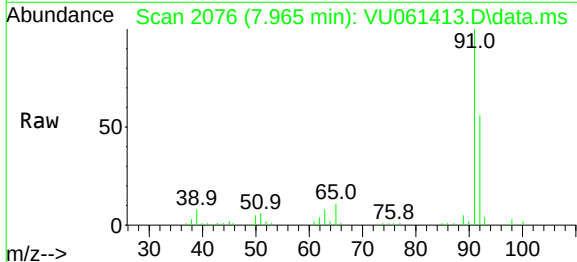
Instrument :
MSVOA_U
ClientSampleId :
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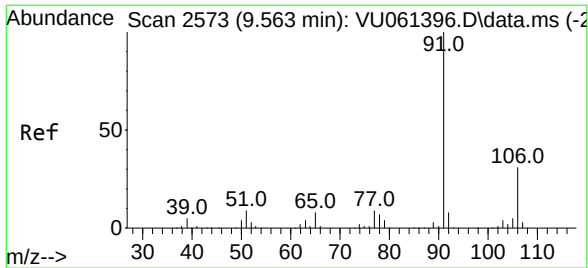
Tgt Ion:	83	Resp:	20646
Ion	Ratio	Lower	Upper
83	100		
55	74.4	55.9	83.9
98	45.2	35.9	53.9



#42
Toluene
Concen: 0.998 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU061413.D
Acq: 04 Nov 2024 17:23

Tgt Ion:	91	Resp:	47836
Ion	Ratio	Lower	Upper
91	100		
92	56.1	40.3	74.8

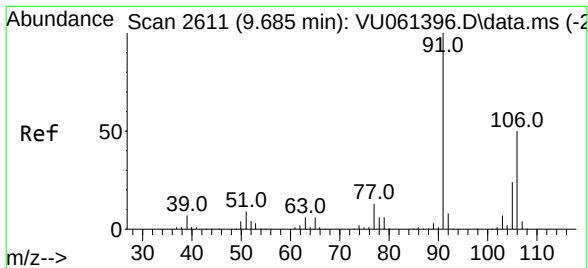
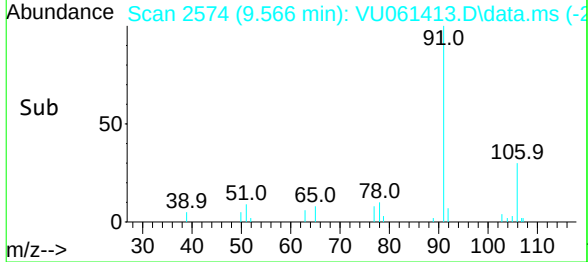
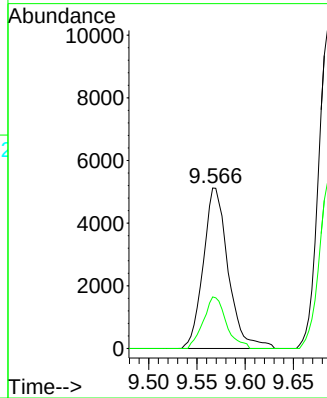
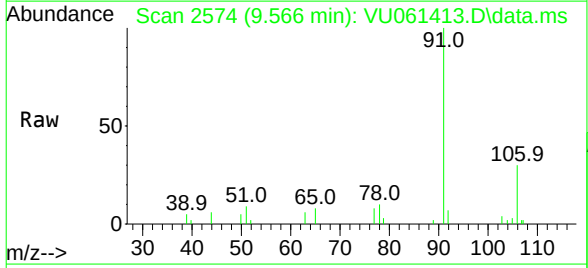




#52
Ethylbenzene
Concen: 0.174 ug/L
RT: 9.566 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU061413.D
Acq: 04 Nov 2024 17:23

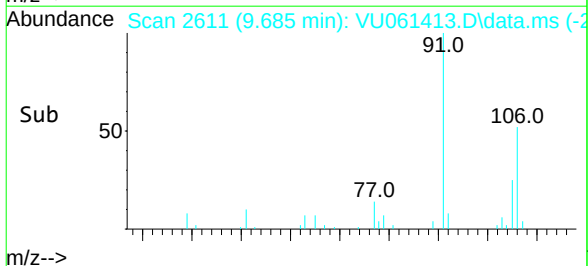
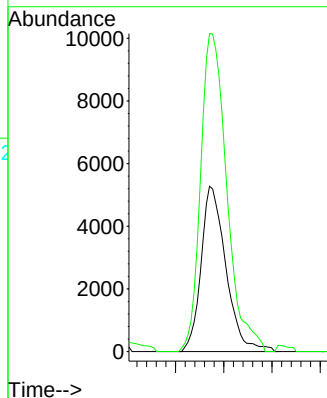
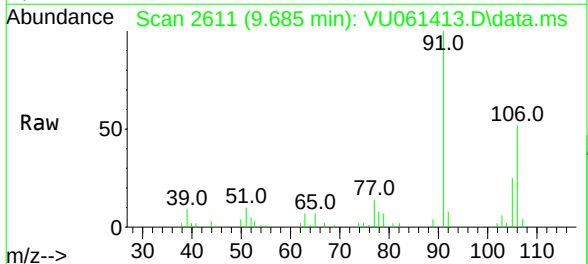
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ClientSampleId :
C0CG4

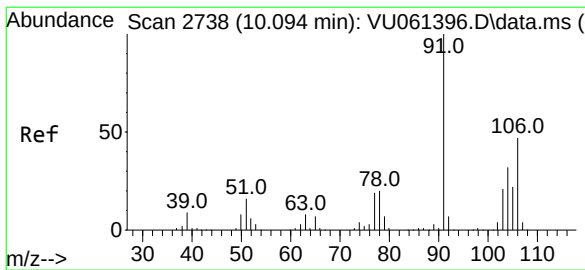
Tgt Ion: 91 Resp: 9202
Ion Ratio Lower Upper
91 100
106 32.1 22.0 41.0



#53
m,p-Xylene
Concen: 0.469 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.003 min
Lab File: VU061413.D
Acq: 04 Nov 2024 17:23

Tgt Ion: 106 Resp: 9433
Ion Ratio Lower Upper
106 100
91 192.3 145.7 270.7





#54

o-Xylene

Concen: 0.478 ug/L

RT: 10.097 min Scan# 27

Delta R.T. 0.003 min

Lab File: VU061413.D

Acq: 04 Nov 2024 17:23

Instrument :

MSVOA_U

ClientSampleId :

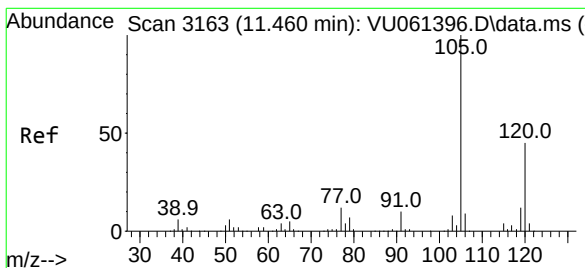
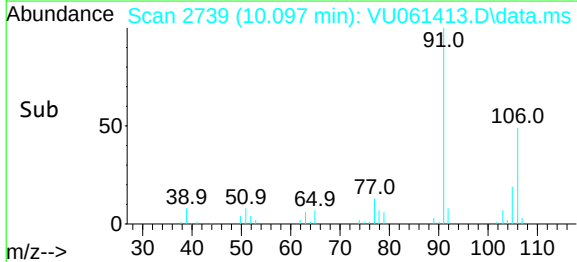
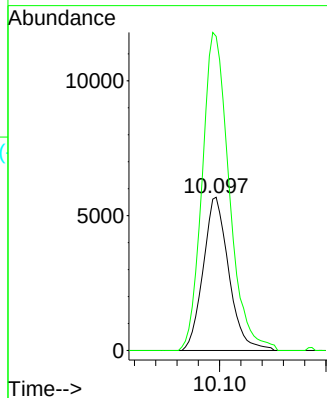
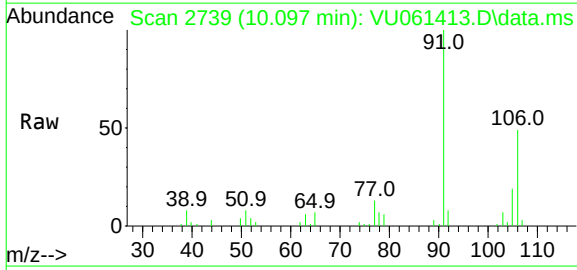
C0CG4

Tgt Ion:106 Resp: 9487

Ion Ratio Lower Upper

106 100

91 205.0 148.8 276.4



#63

1,2,4-Trimethylbenzene

Concen: 0.160 ug/L

RT: 11.467 min Scan# 3165

Delta R.T. 0.006 min

Lab File: VU061413.D

Acq: 04 Nov 2024 17:23

Tgt Ion:105 Resp: 6235

Ion Ratio Lower Upper

105 100

120 41.6 35.4 53.0

